

[INFO] Initializing ODM 3.1.7 - Fri Jul 21 13:23:18 2023

[INFO] =====

[INFO] 3d\_tiles: False  
[INFO] align: None  
[INFO] auto\_boundary: False  
[INFO] auto\_boundary\_distance: 0  
[INFO] bg\_removal: False  
[INFO] boundary: {}  
[INFO] build\_overviews: False  
[INFO] camera\_lens: brown  
[INFO] cameras: {}  
[INFO] cog: True  
[INFO] copy\_to: None  
[INFO] crop: 3  
[INFO] dem\_decimation: 1  
[INFO] dem\_euclidean\_map: False  
[INFO] dem\_gapfill\_steps: 3  
[INFO] dem\_resolution: 5  
[INFO] dsm: False  
[INFO] dtm: False  
[INFO] end\_with: odm\_postprocess  
[INFO] fast\_orthophoto: False  
[INFO] feature\_quality: high  
[INFO] feature\_type: sift  
[INFO] force\_gps: False  
[INFO] gcp: None  
[INFO] geo: None  
[INFO] gltf: True  
[INFO] gps\_accuracy: 10  
[INFO] ignore\_gsd: False  
[INFO] matcher\_neighbors: 0  
[INFO] matcher\_order: 0  
[INFO] matcher\_type: flann  
[INFO] max\_concurrency: 8  
[INFO] merge: all  
[INFO] mesh\_octree\_depth: 11  
[INFO] mesh\_size: 200000  
[INFO] min\_num\_features: 10000  
[INFO] name: 7df7b102-c561-43c8-b7e7-5663d19ec8e7  
[INFO] no\_gpu: False  
[INFO] optimize\_disk\_space: False  
[INFO] orthophoto\_compression: DEFLATE  
[INFO] orthophoto\_cutline: False  
[INFO] orthophoto\_kmz: False  
[INFO] orthophoto\_no\_tiled: False  
[INFO] orthophoto\_png: False  
[INFO] orthophoto\_resolution: 5  
[INFO] pc\_classify: False  
[INFO] pc\_copc: False  
[INFO] pc\_csv: False  
[INFO] pc\_ept: True  
[INFO] pc\_filter: 2.5  
[INFO] pc\_las: False

[INFO] pc\_quality: medium  
[INFO] pc\_rectify: False  
[INFO] pc\_sample: 0  
[INFO] pc\_skip\_geometric: False  
[INFO] primary\_band: auto  
[INFO] project\_path: C:\WebODM\resources\app\apps\NodeODM\data  
[INFO] radiometric\_calibration: camera  
[INFO] rerun: None  
[INFO] rerun\_all: False  
[INFO] rerun\_from: ['dataset', 'split', 'merge', 'opensfm', 'openmvs', 'odm\_filterpoints', 'odm\_meshing', 'mvs\_texturing', 'odm\_georeferencing', 'odm\_dem', 'odm\_orthophoto', 'odm\_report', 'odm\_postprocess']  
[INFO] rolling\_shutter: False  
[INFO] rolling\_shutter\_readout: 0  
[INFO] sfm\_algorithm: incremental  
[INFO] sfm\_no\_partial: False  
[INFO] skip\_3dmodel: False  
[INFO] skip\_band\_alignment: False  
[INFO] skip\_orthophoto: False  
[INFO] skip\_report: False  
[INFO] sky\_removal: False  
[INFO] sm\_cluster: None  
[INFO] sm\_no\_align: False  
[INFO] smrf\_scalar: 1.25  
[INFO] smrf\_slope: 0.15  
[INFO] smrf\_threshold: 0.5  
[INFO] smrf\_window: 18.0  
[INFO] split: 999999  
[INFO] split\_image\_groups: None  
[INFO] split\_overlap: 150  
[INFO] texturing\_keep\_unseen\_faces: False  
[INFO] texturing\_single\_material: False  
[INFO] texturing\_skip\_global\_seam\_leveling: False  
[INFO] texturing\_skip\_local\_seam\_leveling: False  
[INFO] tiles: False  
[INFO] use\_3dmesh: False  
[INFO] use\_exif: False  
[INFO] use\_fixed\_camera\_params: False  
[INFO] use\_hybrid\_bundle\_adjustment: False  
[INFO] video\_limit: 500  
[INFO] video\_resolution: 4000  
[INFO] =====  
[INFO] Running dataset stage  
[INFO] Loading dataset from: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\images  
[INFO] Loading 166 images  
[INFO] Setting camera lens to brown for all images  
[INFO] Wrote images database: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\images.json  
[INFO] Found 166 usable images  
[INFO] Finished dataset stage  
[INFO] Running split stage  
[INFO] Normal dataset, will process all at once.  
[INFO] Finished split stage  
[INFO] Running merge stage

[INFO] Normal dataset, nothing to merge.  
[INFO] Finished merge stage  
[INFO] Running opensfm stage  
[INFO] Maximum photo dimensions: 640px  
[INFO] Photo dimensions for feature extraction: 320px  
[INFO] CUDA drivers detected  
[INFO] Using GPU for extracting SIFT features  
[INFO] Altitude data detected, enabling it for GPS alignment  
[INFO] ['use\_exif\_size: no', 'flann\_algorithm: KDTree', 'feature\_process\_size: 320', 'feature\_min\_frames: 10000', 'processes: 8', 'matching\_gps\_neighbors: 0', 'matching\_gps\_distance: 0', 'matching\_graph\_rounds: 50', 'optimize\_camera\_parameters: yes', 'reconstruction\_algorithm: incremental', 'undistorted\_image\_format: tif', 'bundle\_outlier\_filtering\_type: AUTO', 'sift\_peak\_threshold: 0.066', 'align\_orientation\_prior: vertical', 'triangulation\_type: ROBUST', 'retriangulation\_ratio: 2', 'camera\_projection\_type: BROWN', 'matcher\_type: FLANN', 'feature\_type: SIFT\_GPU', 'use\_altitude\_tag: yes', 'align\_method: auto', 'local\_bundle\_radius: 0']  
[INFO] Wrote reference\_lls.json  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm" detect\_features "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm" 2023-07-21 13:23:42,538 INFO: Planning to use 18240.799218750002 MB of RAM for both processing queue and parallel processing.  
2023-07-21 13:23:42,542 INFO: Scale-space expected size of a single image : 2.2705078125 MB  
2023-07-21 13:23:42,543 INFO: Expecting to queue at most 200 images while parallel processing of 8 images.  
2023-07-21 13:23:42,550 INFO: Reading data for image DJI\_20230720204727\_0003\_T.JPG (queue-size=0)  
2023-07-21 13:23:42,550 INFO: Reading data for image DJI\_20230720204931\_0045\_T.JPG (queue-size=0)  
2023-07-21 13:23:42,550 INFO: Reading data for image DJI\_20230720205134\_0087\_T.JPG (queue-size=0)  
2023-07-21 13:23:42,550 INFO: Reading data for image DJI\_20230720205337\_0129\_T.JPG (queue-size=0)  
2023-07-21 13:23:42,557 INFO: Reading data for image DJI\_20230720205137\_0088\_T.JPG (queue-size=1)  
2023-07-21 13:23:42,558 INFO: Reading data for image DJI\_20230720204730\_0004\_T.JPG (queue-size=2)  
2023-07-21 13:23:42,558 INFO: Reading data for image DJI\_20230720205340\_0130\_T.JPG (queue-size=3)  
2023-07-21 13:23:42,558 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205134\_0087\_T.JPG  
2023-07-21 13:23:42,559 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204727\_0003\_T.JPG  
2023-07-21 13:23:42,559 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205337\_0129\_T.JPG  
2023-07-21 13:23:42,561 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204931\_0045\_T.JPG  
2023-07-21 13:23:42,560 INFO: Reading data for image DJI\_20230720204933\_0046\_T.JPG (queue-size=1)  
2023-07-21 13:23:42,569 INFO: Reading data for image DJI\_20230720205342\_0131\_T.JPG (queue-size=1)  
2023-07-21 13:23:42,569 INFO: Reading data for image DJI\_20230720204732\_0005\_T.JPG (queue-size=2)  
2023-07-21 13:23:42,570 INFO: Reading data for image DJI\_20230720204936\_0047\_T.JPG (queue-size=3)  
2023-07-21 13:23:42,570 INFO: Reading data for image DJI\_20230720205139\_0089\_T.JPG (queue-size=4)  
2023-07-21 13:23:42,578 INFO: Reading data for image DJI\_20230720204735\_0006\_T.JPG (queue-size=5)  
2023-07-21 13:23:42,579 INFO: Reading data for image DJI\_20230720205345\_0132\_T.JPG (queue-size=6)  
2023-07-21 13:23:42,579 INFO: Reading data for image DJI\_20230720204938\_0048\_T.JPG (queue-size=7)  
2023-07-21 13:23:42,580 INFO: Reading data for image DJI\_20230720205142\_0090\_T.JPG (queue-size=8)  
2023-07-21 13:23:42,585 INFO: Reading data for image DJI\_20230720204737\_0007\_T.JPG (queue-size=9)  
2023-07-21 13:23:42,586 INFO: Reading data for image DJI\_20230720204941\_0049\_T.JPG (queue-size=10)  
2023-07-21 13:23:42,587 INFO: Reading data for image DJI\_20230720205347\_0133\_T.JPG (queue-size=11)  
2023-07-21 13:23:42,591 INFO: Reading data for image DJI\_20230720205144\_0091\_T.JPG (queue-size=12)  
2023-07-21 13:23:42,595 INFO: Reading data for image DJI\_20230720204740\_0008\_T.JPG (queue-size=13)  
2023-07-21 13:23:42,596 INFO: Reading data for image DJI\_20230720204944\_0050\_T.JPG (queue-size=14)  
2023-07-21 13:23:42,598 INFO: Reading data for image DJI\_20230720205350\_0134\_T.JPG (queue-size=15)  
2023-07-21 13:23:42,600 INFO: Reading data for image DJI\_20230720205147\_0092\_T.JPG (queue-size=16)  
2023-07-21 13:23:42,604 INFO: Reading data for image DJI\_20230720204743\_0009\_T.JPG (queue-size=17)  
2023-07-21 13:23:42,605 INFO: Reading data for image DJI\_20230720204946\_0051\_T.JPG (queue-size=18)  
2023-07-21 13:23:42,607 INFO: Reading data for image DJI\_20230720205400\_0135\_T.JPG (queue-size=19)  
2023-07-21 13:23:42,608 INFO: Reading data for image DJI\_20230720205149\_0093\_T.JPG (queue-size=20)  
2023-07-21 13:23:42,611 INFO: Reading data for image DJI\_20230720204745\_0010\_T.JPG (queue-size=21)

2023-07-21 13:23:42,613 INFO: Reading data for image DJI\_20230720204949\_0052\_T.JPG (queue-size=22)  
2023-07-21 13:23:42,613 INFO: Reading data for image DJI\_20230720205403\_0136\_T.JPG (queue-size=23)  
2023-07-21 13:23:42,615 INFO: Reading data for image DJI\_20230720205152\_0094\_T.JPG (queue-size=24)  
2023-07-21 13:23:42,619 INFO: Reading data for image DJI\_20230720204748\_0011\_T.JPG (queue-size=25)  
2023-07-21 13:23:42,620 INFO: Reading data for image DJI\_20230720205405\_0137\_T.JPG (queue-size=26)  
2023-07-21 13:23:42,622 INFO: Reading data for image DJI\_20230720204951\_0053\_T.JPG (queue-size=27)  
2023-07-21 13:23:42,623 INFO: Reading data for image DJI\_20230720205155\_0095\_T.JPG (queue-size=28)  
2023-07-21 13:23:42,627 INFO: Reading data for image DJI\_20230720205408\_0138\_T.JPG (queue-size=29)  
2023-07-21 13:23:42,628 INFO: Reading data for image DJI\_20230720204750\_0012\_T.JPG (queue-size=30)  
2023-07-21 13:23:42,631 INFO: Reading data for image DJI\_20230720204954\_0054\_T.JPG (queue-size=31)  
2023-07-21 13:23:42,632 INFO: Reading data for image DJI\_20230720205157\_0096\_T.JPG (queue-size=32)  
2023-07-21 13:23:42,634 INFO: Reading data for image DJI\_20230720205410\_0139\_T.JPG (queue-size=33)  
2023-07-21 13:23:42,634 INFO: Reading data for image DJI\_20230720204753\_0013\_T.JPG (queue-size=34)  
2023-07-21 13:23:42,639 INFO: Reading data for image DJI\_20230720204956\_0055\_T.JPG (queue-size=35)  
2023-07-21 13:23:42,640 INFO: Reading data for image DJI\_20230720205207\_0097\_T.JPG (queue-size=36)  
2023-07-21 13:23:42,640 INFO: Reading data for image DJI\_20230720205413\_0140\_T.JPG (queue-size=37)  
2023-07-21 13:23:42,643 INFO: Reading data for image DJI\_20230720204755\_0014\_T.JPG (queue-size=38)  
2023-07-21 13:23:42,646 INFO: Reading data for image DJI\_20230720204959\_0056\_T.JPG (queue-size=39)  
2023-07-21 13:23:42,647 INFO: Reading data for image DJI\_20230720205416\_0141\_T.JPG (queue-size=40)  
2023-07-21 13:23:42,648 INFO: Reading data for image DJI\_20230720205210\_0098\_T.JPG (queue-size=41)  
2023-07-21 13:23:42,652 INFO: Reading data for image DJI\_20230720204758\_0015\_T.JPG (queue-size=42)  
2023-07-21 13:23:42,655 INFO: Reading data for image DJI\_20230720205001\_0057\_T.JPG (queue-size=43)  
2023-07-21 13:23:42,656 INFO: Reading data for image DJI\_20230720205418\_0142\_T.JPG (queue-size=44)  
2023-07-21 13:23:42,656 INFO: Reading data for image DJI\_20230720205213\_0099\_T.JPG (queue-size=45)  
2023-07-21 13:23:42,661 INFO: Reading data for image DJI\_20230720204800\_0016\_T.JPG (queue-size=46)  
2023-07-21 13:23:42,664 INFO: Reading data for image DJI\_20230720205004\_0058\_T.JPG (queue-size=47)  
2023-07-21 13:23:42,665 INFO: Reading data for image DJI\_20230720205215\_0100\_T.JPG (queue-size=48)  
2023-07-21 13:23:42,665 INFO: Reading data for image DJI\_20230720205421\_0143\_T.JPG (queue-size=49)  
2023-07-21 13:23:42,667 INFO: Reading data for image DJI\_20230720204803\_0017\_T.JPG (queue-size=50)  
2023-07-21 13:23:42,670 INFO: Reading data for image DJI\_20230720205218\_0101\_T.JPG (queue-size=51)  
2023-07-21 13:23:42,672 INFO: Reading data for image DJI\_20230720205014\_0059\_T.JPG (queue-size=52)  
2023-07-21 13:23:42,673 INFO: Reading data for image DJI\_20230720205423\_0144\_T.JPG (queue-size=53)  
2023-07-21 13:23:42,675 INFO: Reading data for image DJI\_20230720204806\_0018\_T.JPG (queue-size=54)  
2023-07-21 13:23:42,677 INFO: Reading data for image DJI\_20230720205220\_0102\_T.JPG (queue-size=55)  
2023-07-21 13:23:42,679 INFO: Reading data for image DJI\_20230720205017\_0060\_T.JPG (queue-size=56)  
2023-07-21 13:23:42,682 INFO: Reading data for image DJI\_20230720204808\_0019\_T.JPG (queue-size=57)  
2023-07-21 13:23:42,683 INFO: Reading data for image DJI\_20230720205426\_0145\_T.JPG (queue-size=58)  
2023-07-21 13:23:42,684 INFO: Reading data for image DJI\_20230720205223\_0103\_T.JPG (queue-size=59)  
2023-07-21 13:23:42,687 INFO: Reading data for image DJI\_20230720205019\_0061\_T.JPG (queue-size=60)  
2023-07-21 13:23:42,689 INFO: Reading data for image DJI\_20230720205428\_0146\_T.JPG (queue-size=61)  
2023-07-21 13:23:42,692 INFO: Reading data for image DJI\_20230720204811\_0020\_T.JPG (queue-size=62)  
2023-07-21 13:23:42,693 INFO: Reading data for image DJI\_20230720205225\_0104\_T.JPG (queue-size=63)  
2023-07-21 13:23:42,695 INFO: Reading data for image DJI\_20230720205022\_0062\_T.JPG (queue-size=64)  
2023-07-21 13:23:42,699 INFO: Reading data for image DJI\_20230720205431\_0147\_T.JPG (queue-size=65)  
2023-07-21 13:23:42,701 INFO: Reading data for image DJI\_20230720204821\_0021\_T.JPG (queue-size=66)  
2023-07-21 13:23:42,701 INFO: Reading data for image DJI\_20230720205228\_0105\_T.JPG (queue-size=67)  
2023-07-21 13:23:42,705 INFO: Reading data for image DJI\_20230720205025\_0063\_T.JPG (queue-size=68)  
2023-07-21 13:23:42,708 INFO: Reading data for image DJI\_20230720205433\_0148\_T.JPG (queue-size=69)  
2023-07-21 13:23:42,710 INFO: Reading data for image DJI\_20230720204824\_0022\_T.JPG (queue-size=70)  
2023-07-21 13:23:42,711 INFO: Reading data for image DJI\_20230720205230\_0106\_T.JPG (queue-size=71)  
2023-07-21 13:23:42,713 INFO: Reading data for image DJI\_20230720205027\_0064\_T.JPG (queue-size=72)  
2023-07-21 13:23:42,716 INFO: Reading data for image DJI\_20230720205436\_0149\_T.JPG (queue-size=73)  
2023-07-21 13:23:42,717 INFO: Reading data for image DJI\_20230720204826\_0023\_T.JPG (queue-size=74)  
2023-07-21 13:23:42,719 INFO: Reading data for image DJI\_20230720205233\_0107\_T.JPG (queue-size=75)

2023-07-21 13:23:42,720 INFO: Reading data for image DJI\_20230720205030\_0065\_T.JPG (queue-size=76)  
2023-07-21 13:23:42,721 INFO: Reading data for image DJI\_20230720205439\_0150\_T.JPG (queue-size=77)  
2023-07-21 13:23:42,726 INFO: Reading data for image DJI\_20230720204829\_0024\_T.JPG (queue-size=78)  
2023-07-21 13:23:42,728 INFO: Reading data for image DJI\_20230720205236\_0108\_T.JPG (queue-size=79)  
2023-07-21 13:23:42,728 INFO: Reading data for image DJI\_20230720205032\_0066\_T.JPG (queue-size=80)  
2023-07-21 13:23:42,729 INFO: Reading data for image DJI\_20230720205441\_0151\_T.JPG (queue-size=81)  
2023-07-21 13:23:42,734 INFO: Reading data for image DJI\_20230720204831\_0025\_T.JPG (queue-size=82)  
2023-07-21 13:23:42,736 INFO: Reading data for image DJI\_20230720205238\_0109\_T.JPG (queue-size=83)  
2023-07-21 13:23:42,736 INFO: Reading data for image DJI\_20230720205035\_0067\_T.JPG (queue-size=84)  
2023-07-21 13:23:42,738 INFO: Reading data for image DJI\_20230720205444\_0152\_T.JPG (queue-size=85)  
2023-07-21 13:23:42,742 INFO: Reading data for image DJI\_20230720204834\_0026\_T.JPG (queue-size=86)  
2023-07-21 13:23:42,745 INFO: Reading data for image DJI\_20230720205037\_0068\_T.JPG (queue-size=87)  
2023-07-21 13:23:42,746 INFO: Reading data for image DJI\_20230720205446\_0153\_T.JPG (queue-size=88)  
2023-07-21 13:23:42,748 INFO: Reading data for image DJI\_20230720205241\_0110\_T.JPG (queue-size=89)  
2023-07-21 13:23:42,752 INFO: Reading data for image DJI\_20230720204837\_0027\_T.JPG (queue-size=90)  
2023-07-21 13:23:42,753 INFO: Reading data for image DJI\_20230720205456\_0154\_T.JPG (queue-size=91)  
2023-07-21 13:23:42,754 INFO: Reading data for image DJI\_20230720205040\_0069\_T.JPG (queue-size=92)  
2023-07-21 13:23:42,756 INFO: Reading data for image DJI\_20230720205243\_0111\_T.JPG (queue-size=93)  
2023-07-21 13:23:42,759 INFO: Reading data for image DJI\_20230720204839\_0028\_T.JPG (queue-size=94)  
2023-07-21 13:23:42,761 INFO: Reading data for image DJI\_20230720205459\_0155\_T.JPG (queue-size=95)  
2023-07-21 13:23:42,763 INFO: Reading data for image DJI\_20230720205043\_0070\_T.JPG (queue-size=96)  
2023-07-21 13:23:42,763 INFO: Reading data for image DJI\_20230720205246\_0112\_T.JPG (queue-size=97)  
2023-07-21 13:23:42,766 INFO: Reading data for image DJI\_20230720204842\_0029\_T.JPG (queue-size=98)  
2023-07-21 13:23:42,768 INFO: Reading data for image DJI\_20230720205502\_0156\_T.JPG (queue-size=99)  
2023-07-21 13:23:42,769 INFO: Reading data for image DJI\_20230720205045\_0071\_T.JPG (queue-size=100)  
2023-07-21 13:23:42,769 INFO: Reading data for image DJI\_20230720205249\_0113\_T.JPG (queue-size=101)  
2023-07-21 13:23:42,775 INFO: Reading data for image DJI\_20230720204844\_0030\_T.JPG (queue-size=102)  
2023-07-21 13:23:42,775 INFO: Reading data for image DJI\_20230720205504\_0157\_T.JPG (queue-size=103)  
2023-07-21 13:23:42,776 INFO: Reading data for image DJI\_20230720205251\_0114\_T.JPG (queue-size=104)  
2023-07-21 13:23:42,777 INFO: Reading data for image DJI\_20230720205048\_0072\_T.JPG (queue-size=105)  
2023-07-21 13:23:42,781 INFO: Reading data for image DJI\_20230720205507\_0158\_T.JPG (queue-size=106)  
2023-07-21 13:23:42,782 INFO: Reading data for image DJI\_20230720204847\_0031\_T.JPG (queue-size=107)  
2023-07-21 13:23:42,785 INFO: Reading data for image DJI\_20230720205254\_0115\_T.JPG (queue-size=108)  
2023-07-21 13:23:42,790 INFO: Reading data for image DJI\_20230720205050\_0073\_T.JPG (queue-size=109)  
2023-07-21 13:23:42,792 INFO: Reading data for image DJI\_20230720205509\_0159\_T.JPG (queue-size=110)  
2023-07-21 13:23:42,794 INFO: Reading data for image DJI\_20230720204849\_0032\_T.JPG (queue-size=111)  
2023-07-21 13:23:42,796 INFO: Reading data for image DJI\_20230720205053\_0074\_T.JPG (queue-size=112)  
2023-07-21 13:23:42,797 INFO: Reading data for image DJI\_20230720205303\_0116\_T.JPG (queue-size=113)  
2023-07-21 13:23:42,801 INFO: Reading data for image DJI\_20230720205513\_0160\_T.JPG (queue-size=114)  
2023-07-21 13:23:42,803 INFO: Reading data for image DJI\_20230720204852\_0033\_T.JPG (queue-size=115)  
2023-07-21 13:23:42,805 INFO: Reading data for image DJI\_20230720205055\_0075\_T.JPG (queue-size=116)  
2023-07-21 13:23:42,807 INFO: Reading data for image DJI\_20230720205306\_0117\_T.JPG (queue-size=117)  
2023-07-21 13:23:42,810 INFO: Reading data for image DJI\_20230720205520\_0161\_T.JPG (queue-size=118)  
2023-07-21 13:23:42,813 INFO: Reading data for image DJI\_20230720204855\_0034\_T.JPG (queue-size=119)  
2023-07-21 13:23:42,814 INFO: Reading data for image DJI\_20230720205058\_0076\_T.JPG (queue-size=120)  
2023-07-21 13:23:42,816 INFO: Reading data for image DJI\_20230720205309\_0118\_T.JPG (queue-size=121)  
2023-07-21 13:23:42,818 INFO: Reading data for image DJI\_20230720205523\_0162\_T.JPG (queue-size=122)  
2023-07-21 13:23:42,823 INFO: Reading data for image DJI\_20230720205312\_0119\_T.JPG (queue-size=123)  
2023-07-21 13:23:42,824 INFO: Reading data for image DJI\_20230720205101\_0077\_T.JPG (queue-size=124)  
2023-07-21 13:23:42,824 INFO: Reading data for image DJI\_20230720204857\_0035\_T.JPG (queue-size=125)  
2023-07-21 13:23:42,828 INFO: Reading data for image DJI\_20230720205526\_0163\_T.JPG (queue-size=126)  
2023-07-21 13:23:42,832 INFO: Reading data for image DJI\_20230720205314\_0120\_T.JPG (queue-size=127)  
2023-07-21 13:23:42,833 INFO: Reading data for image DJI\_20230720204900\_0036\_T.JPG (queue-size=128)  
2023-07-21 13:23:42,834 INFO: Reading data for image DJI\_20230720205111\_0078\_T.JPG (queue-size=129)

2023-07-21 13:23:42,839 INFO: Reading data for image DJI\_20230720205529\_0164\_T.JPG (queue-size=130)  
2023-07-21 13:23:42,841 INFO: Reading data for image DJI\_20230720205317\_0121\_T.JPG (queue-size=131)  
2023-07-21 13:23:42,843 INFO: Reading data for image DJI\_20230720204902\_0037\_T.JPG (queue-size=132)  
2023-07-21 13:23:42,844 INFO: Reading data for image DJI\_20230720205114\_0079\_T.JPG (queue-size=133)  
2023-07-21 13:23:42,850 INFO: Reading data for image DJI\_20230720204905\_0038\_T.JPG (queue-size=134)  
2023-07-21 13:23:42,850 INFO: Reading data for image DJI\_20230720205531\_0165\_T.JPG (queue-size=135)  
2023-07-21 13:23:42,852 INFO: Reading data for image DJI\_20230720205319\_0122\_T.JPG (queue-size=136)  
2023-07-21 13:23:42,852 INFO: Reading data for image DJI\_20230720205116\_0080\_T.JPG (queue-size=137)  
2023-07-21 13:23:42,858 INFO: Reading data for image DJI\_20230720205322\_0123\_T.JPG (queue-size=138)  
2023-07-21 13:23:42,858 INFO: Reading data for image DJI\_20230720204907\_0039\_T.JPG (queue-size=139)  
2023-07-21 13:23:42,860 INFO: Reading data for image DJI\_20230720205534\_0166\_T.JPG (queue-size=140)  
2023-07-21 13:23:42,861 INFO: Reading data for image DJI\_20230720205119\_0081\_T.JPG (queue-size=141)  
2023-07-21 13:23:42,866 INFO: Reading data for image DJI\_20230720204917\_0040\_T.JPG (queue-size=142)  
2023-07-21 13:23:42,867 INFO: Reading data for image DJI\_20230720205324\_0124\_T.JPG (queue-size=143)  
2023-07-21 13:23:42,867 INFO: Reading data for image DJI\_20230720205537\_0167\_T.JPG (queue-size=144)  
2023-07-21 13:23:42,869 INFO: Reading data for image DJI\_20230720205121\_0082\_T.JPG (queue-size=145)  
2023-07-21 13:23:42,874 INFO: Reading data for image DJI\_20230720204921\_0041\_T.JPG (queue-size=146)  
2023-07-21 13:23:42,875 INFO: Reading data for image DJI\_20230720205545\_0168\_T.JPG (queue-size=147)  
2023-07-21 13:23:42,876 INFO: Reading data for image DJI\_20230720205327\_0125\_T.JPG (queue-size=148)  
2023-07-21 13:23:42,877 INFO: Reading data for image DJI\_20230720205124\_0083\_T.JPG (queue-size=149)  
2023-07-21 13:23:42,884 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205340\_0130\_T.JPG  
2023-07-21 13:23:42,885 INFO: Reading data for image DJI\_20230720204923\_0042\_T.JPG (queue-size=150)  
2023-07-21 13:23:42,886 INFO: Reading data for image DJI\_20230720205329\_0126\_T.JPG (queue-size=151)  
2023-07-21 13:23:42,887 INFO: Reading data for image DJI\_20230720205126\_0084\_T.JPG (queue-size=152)  
2023-07-21 13:23:42,895 INFO: Reading data for image DJI\_20230720204926\_0043\_T.JPG (queue-size=153)  
2023-07-21 13:23:42,895 INFO: Reading data for image DJI\_20230720205332\_0127\_T.JPG (queue-size=154)  
2023-07-21 13:23:42,895 INFO: Reading data for image DJI\_20230720205129\_0085\_T.JPG (queue-size=155)  
2023-07-21 13:23:42,902 INFO: Reading data for image DJI\_20230720204928\_0044\_T.JPG (queue-size=156)  
2023-07-21 13:23:42,902 INFO: Reading data for image DJI\_20230720205132\_0086\_T.JPG (queue-size=157)  
2023-07-21 13:23:42,904 INFO: Reading data for image DJI\_20230720205335\_0128\_T.JPG (queue-size=158)  
2023-07-21 13:23:42,911 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204730\_0004\_T.JPG  
2023-07-21 13:23:42,911 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204933\_0046\_T.JPG  
2023-07-21 13:23:42,913 INFO: Finished reading images  
2023-07-21 13:23:42,914 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205137\_0088\_T.JPG  
2023-07-21 13:23:45,867 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204732\_0005\_T.JPG  
2023-07-21 13:23:46,750 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205342\_0131\_T.JPG  
2023-07-21 13:23:47,932 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204936\_0047\_T.JPG  
2023-07-21 13:23:50,956 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205139\_0089\_T.JPG  
2023-07-21 13:23:51,085 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204735\_0006\_T.JPG  
2023-07-21 13:23:51,637 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204938\_0048\_T.JPG  
2023-07-21 13:23:52,060 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205345\_0132\_T.JPG  
2023-07-21 13:23:53,685 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205142\_0090\_T.JPG  
2023-07-21 13:23:57,642 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204737\_0007\_T.JPG  
2023-07-21 13:23:57,930 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204941\_0049\_T.JPG  
2023-07-21 13:23:58,142 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205347\_0133\_T.JPG  
2023-07-21 13:23:58,334 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205144\_0091\_T.JPG  
2023-07-21 13:23:58,969 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204740\_0008\_T.JPG  
2023-07-21 13:23:59,512 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204944\_0050\_T.JPG  
2023-07-21 13:24:00,909 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205350\_0134\_T.JPG  
2023-07-21 13:24:01,676 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205147\_0092\_T.JPG  
2023-07-21 13:24:04,045 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204743\_0009\_T.JPG  
2023-07-21 13:24:04,641 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204946\_0051\_T.JPG  
2023-07-21 13:24:07,359 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205400\_0135\_T.JPG  
2023-07-21 13:24:09,418 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205149\_0093\_T.JPG

2023-07-21 13:24:09,598 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204745\_0010\_T.JPG  
2023-07-21 13:24:10,024 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205403\_0136\_T.JPG  
2023-07-21 13:24:10,370 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204949\_0052\_T.JPG  
2023-07-21 13:24:10,542 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205152\_0094\_T.JPG  
2023-07-21 13:24:11,946 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205405\_0137\_T.JPG  
2023-07-21 13:24:13,529 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204748\_0011\_T.JPG  
2023-07-21 13:24:15,400 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204951\_0053\_T.JPG  
2023-07-21 13:24:16,298 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205155\_0095\_T.JPG  
2023-07-21 13:24:19,196 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205408\_0138\_T.JPG  
2023-07-21 13:24:19,665 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204750\_0012\_T.JPG  
2023-07-21 13:24:19,666 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204954\_0054\_T.JPG  
2023-07-21 13:24:19,772 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205157\_0096\_T.JPG  
2023-07-21 13:24:20,530 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205410\_0139\_T.JPG  
2023-07-21 13:24:21,521 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204753\_0013\_T.JPG  
2023-07-21 13:24:22,472 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204956\_0055\_T.JPG  
2023-07-21 13:24:24,721 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205413\_0140\_T.JPG  
2023-07-21 13:24:25,969 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205207\_0097\_T.JPG  
2023-07-21 13:24:26,185 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204755\_0014\_T.JPG  
2023-07-21 13:24:27,081 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204959\_0056\_T.JPG  
2023-07-21 13:24:27,443 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205416\_0141\_T.JPG  
2023-07-21 13:24:29,537 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205210\_0098\_T.JPG  
2023-07-21 13:24:30,386 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204758\_0015\_T.JPG  
2023-07-21 13:24:30,641 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205001\_0057\_T.JPG  
2023-07-21 13:24:31,999 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205213\_0099\_T.JPG  
2023-07-21 13:24:33,708 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205418\_0142\_T.JPG  
2023-07-21 13:24:35,459 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204800\_0016\_T.JPG  
2023-07-21 13:24:36,887 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205215\_0100\_T.JPG  
2023-07-21 13:24:37,165 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205004\_0058\_T.JPG  
2023-07-21 13:24:38,796 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205421\_0143\_T.JPG  
2023-07-21 13:24:40,695 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204803\_0017\_T.JPG  
2023-07-21 13:24:41,658 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205218\_0101\_T.JPG  
2023-07-21 13:24:42,608 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205014\_0059\_T.JPG  
2023-07-21 13:24:42,841 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204806\_0018\_T.JPG  
2023-07-21 13:24:42,982 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205423\_0144\_T.JPG  
2023-07-21 13:24:43,423 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205220\_0102\_T.JPG  
2023-07-21 13:24:45,709 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205017\_0060\_T.JPG  
2023-07-21 13:24:46,181 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205426\_0145\_T.JPG  
2023-07-21 13:24:49,428 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204808\_0019\_T.JPG  
2023-07-21 13:24:49,666 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205223\_0103\_T.JPG  
2023-07-21 13:24:49,668 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205019\_0061\_T.JPG  
2023-07-21 13:24:52,700 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205428\_0146\_T.JPG  
2023-07-21 13:24:53,262 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204811\_0020\_T.JPG  
2023-07-21 13:24:53,577 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205225\_0104\_T.JPG  
2023-07-21 13:24:55,245 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205022\_0062\_T.JPG  
2023-07-21 13:24:55,544 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205431\_0147\_T.JPG  
2023-07-21 13:24:55,646 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204821\_0021\_T.JPG  
2023-07-21 13:24:58,199 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205228\_0105\_T.JPG  
2023-07-21 13:24:59,205 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205025\_0063\_T.JPG  
2023-07-21 13:25:00,059 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205433\_0148\_T.JPG  
2023-07-21 13:25:00,238 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204824\_0022\_T.JPG  
2023-07-21 13:25:01,487 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205230\_0106\_T.JPG  
2023-07-21 13:25:03,917 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205027\_0064\_T.JPG  
2023-07-21 13:25:04,944 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205436\_0149\_T.JPG  
2023-07-21 13:25:05,953 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204826\_0023\_T.JPG

2023-07-21 13:25:06,382 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205233\_0107\_T.JPG  
2023-07-21 13:25:08,071 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205030\_0065\_T.JPG  
2023-07-21 13:25:08,667 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205439\_0150\_T.JPG  
2023-07-21 13:25:09,775 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204829\_0024\_T.JPG  
2023-07-21 13:25:12,823 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205236\_0108\_T.JPG  
2023-07-21 13:25:13,355 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205032\_0066\_T.JPG  
2023-07-21 13:25:13,669 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205441\_0151\_T.JPG  
2023-07-21 13:25:14,868 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204831\_0025\_T.JPG  
2023-07-21 13:25:17,454 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205035\_0067\_T.JPG  
2023-07-21 13:25:18,551 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205444\_0152\_T.JPG  
2023-07-21 13:25:18,750 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205238\_0109\_T.JPG  
2023-07-21 13:25:18,930 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204834\_0026\_T.JPG  
2023-07-21 13:25:19,182 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205446\_0153\_T.JPG  
2023-07-21 13:25:20,863 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205037\_0068\_T.JPG  
2023-07-21 13:25:23,572 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205241\_0110\_T.JPG  
2023-07-21 13:25:23,810 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204837\_0027\_T.JPG  
2023-07-21 13:25:25,379 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205456\_0154\_T.JPG  
2023-07-21 13:25:26,250 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205040\_0069\_T.JPG  
2023-07-21 13:25:27,320 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205243\_0111\_T.JPG  
2023-07-21 13:25:27,511 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204839\_0028\_T.JPG  
2023-07-21 13:25:28,806 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205459\_0155\_T.JPG  
2023-07-21 13:25:29,676 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205043\_0070\_T.JPG  
2023-07-21 13:25:32,210 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205246\_0112\_T.JPG  
2023-07-21 13:25:33,785 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204842\_0029\_T.JPG  
2023-07-21 13:25:35,111 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205502\_0156\_T.JPG  
2023-07-21 13:25:35,517 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205249\_0113\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:25:37,120 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205045\_0071\_T.JPG  
2023-07-21 13:25:37,549 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205504\_0157\_T.JPG  
2023-07-21 13:25:38,026 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204844\_0030\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:25:39,461 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205251\_0114\_T.JPG  
2023-07-21 13:25:40,370 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205048\_0072\_T.JPG  
2023-07-21 13:25:40,707 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205507\_0158\_T.JPG  
2023-07-21 13:25:41,896 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204847\_0031\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:25:44,040 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205050\_0073\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:25:45,533 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205254\_0115\_T.JPG  
2023-07-21 13:25:45,917 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205509\_0159\_T.JPG  
2023-07-21 13:25:47,172 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204849\_0032\_T.JPG  
2023-07-21 13:25:48,752 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205053\_0074\_T.JPG  
2023-07-21 13:25:49,073 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205303\_0116\_T.JPG  
2023-07-21 13:25:49,861 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205513\_0160\_T.JPG  
2023-07-21 13:25:51,521 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204852\_0033\_T.JPG  
2023-07-21 13:25:51,851 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205055\_0075\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:25:54,795 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205306\_0117\_T.JPG  
2023-07-21 13:25:55,210 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205520\_0161\_T.JPG  
2023-07-21 13:25:57,126 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205309\_0118\_T.JPG  
2023-07-21 13:25:57,241 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205058\_0076\_T.JPG  
2023-07-21 13:25:57,671 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204855\_0034\_T.JPG  
2023-07-21 13:25:58,137 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205523\_0162\_T.JPG  
2023-07-21 13:25:58,767 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205312\_0119\_T.JPG

2023-07-21 13:26:02,033 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204857\_0035\_T.JPG  
2023-07-21 13:26:02,998 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205101\_0077\_T.JPG  
2023-07-21 13:26:04,703 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205526\_0163\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:26:05,660 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205314\_0120\_T.JPG  
2023-07-21 13:26:05,924 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204900\_0036\_T.JPG  
2023-07-21 13:26:05,926 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205111\_0078\_T.JPG  
2023-07-21 13:26:06,327 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204902\_0037\_T.JPG  
2023-07-21 13:26:09,519 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205529\_0164\_T.JPG  
2023-07-21 13:26:09,955 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205317\_0121\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:26:10,371 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205114\_0079\_T.JPG  
2023-07-21 13:26:12,914 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205319\_0122\_T.JPG  
2023-07-21 13:26:13,895 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204905\_0038\_T.JPG  
2023-07-21 13:26:15,340 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205531\_0165\_T.JPG  
2023-07-21 13:26:15,341 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205116\_0080\_T.JPG  
2023-07-21 13:26:15,709 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204907\_0039\_T.JPG  
Warning: no descriptors extracted  
2023-07-21 13:26:16,184 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205322\_0123\_T.JPG  
2023-07-21 13:26:17,643 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205534\_0166\_T.JPG  
2023-07-21 13:26:18,994 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205119\_0081\_T.JPG  
2023-07-21 13:26:19,404 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204917\_0040\_T.JPG  
2023-07-21 13:26:21,260 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205537\_0167\_T.JPG  
2023-07-21 13:26:22,461 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205324\_0124\_T.JPG  
2023-07-21 13:26:23,926 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205121\_0082\_T.JPG  
2023-07-21 13:26:24,589 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205545\_0168\_T.JPG  
2023-07-21 13:26:24,954 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204921\_0041\_T.JPG  
2023-07-21 13:26:26,460 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205327\_0125\_T.JPG  
2023-07-21 13:26:26,570 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205124\_0083\_T.JPG  
2023-07-21 13:26:28,283 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204923\_0042\_T.JPG  
2023-07-21 13:26:29,234 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205329\_0126\_T.JPG  
2023-07-21 13:26:29,792 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205126\_0084\_T.JPG  
2023-07-21 13:26:33,606 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204926\_0043\_T.JPG  
2023-07-21 13:26:33,723 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205129\_0085\_T.JPG  
2023-07-21 13:26:35,119 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205332\_0127\_T.JPG  
2023-07-21 13:26:36,152 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720204928\_0044\_T.JPG  
2023-07-21 13:26:36,266 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205132\_0086\_T.JPG  
2023-07-21 13:26:36,556 INFO: Extracting ROOT\_SIFT\_GPU features for image DJI\_20230720205335\_0128\_T.JPG  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm"  
match\_features "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm"  
2023-07-21 13:26:45,771 INFO: Altitude is negative (-127113.54655605994) : viewing directions are probably  
divergent. Using default altitude of 1.0  
2023-07-21 13:26:45,771 INFO: Altitude for orientation based matching 1.0  
2023-07-21 13:26:45,881 INFO: Matching 1483 image pairs  
2023-07-21 13:26:45,881 INFO: Computing pair matching with 8 processes  
2023-07-21 13:26:46,005 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205045\_0071\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.115 Matches: FAILED  
2023-07-21 13:26:46,009 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205241\_0110\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.117 T-robust: 0.003 T-total: 0.120  
Matches: 32 Robust: 24 Success: True  
2023-07-21 13:26:46,013 DEBUG: Matching DJI\_20230720204826\_0023\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.124 Matches: FAILED  
2023-07-21 13:26:46,016 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.127 Matches: FAILED

2023-07-21 13:26:46,022 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720204946\_0051\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.132 Matches: FAILED

2023-07-21 13:26:46,025 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.135 Matches: FAILED

2023-07-21 13:26:46,026 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.135 Matches: FAILED

2023-07-21 13:26:46,028 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.138 T-robust: 0.001 T-total: 0.139 Matches: 107 Robust: 90 Success: True

2023-07-21 13:26:46,041 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.011 T-total: 0.028 Matches: 46 Robust: 26 Success: True

2023-07-21 13:26:46,061 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.046 T-robust: 0.006 T-total: 0.052 Matches: 28 Robust: 17 Success: False

2023-07-21 13:26:46,075 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 Matches: FAILED

2023-07-21 13:26:46,105 DEBUG: Matching DJI\_20230720205340\_0130\_T.JPG and DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.099 Matches: FAILED

2023-07-21 13:26:46,111 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.081 T-robust: 0.003 T-total: 0.085 Matches: 24 Robust: 16 Success: False

2023-07-21 13:26:46,127 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.111 Matches: FAILED

2023-07-21 13:26:46,135 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.103 T-robust: 0.006 T-total: 0.109 Matches: 37 Robust: 23 Success: True

2023-07-21 13:26:46,150 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204803\_0017\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.115 T-robust: 0.006 T-total: 0.121 Matches: 49 Robust: 34 Success: True

2023-07-21 13:26:46,161 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.119 Matches: FAILED

2023-07-21 13:26:46,169 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.059 Matches: FAILED

2023-07-21 13:26:46,171 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.110 Matches: FAILED

2023-07-21 13:26:46,203 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.126 Matches: FAILED

2023-07-21 13:26:46,204 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 Matches: FAILED

2023-07-21 13:26:46,213 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.107 Matches: FAILED

2023-07-21 13:26:46,245 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204831\_0025\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.073 T-robust: 0.001 T-total: 0.075 Matches: 23 Robust: 18 Success: False

2023-07-21 13:26:46,252 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720204831\_0025\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.091 Matches: FAILED

2023-07-21 13:26:46,274 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.123 Matches: FAILED

2023-07-21 13:26:46,283 DEBUG: Matching DJI\_20230720205207\_0097\_T.JPG and DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.149 T-robust: 0.006 T-total: 0.155 Matches: 42 Robust: 26 Success: True

2023-07-21 13:26:46,284 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and DJI\_20230720205345\_0132\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.075 T-robust: 0.005 T-total: 0.080

Matches: 20 Robust: 13 Success: False

2023-07-21 13:26:46,284 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:46,296 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.093 Matches: FAILED  
2023-07-21 13:26:46,309 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.136 T-robust: 0.001 T-total: 0.137

Matches: 95 Robust: 80 Success: True

2023-07-21 13:26:46,310 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720205228\_0105\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.097 Matches: FAILED  
2023-07-21 13:26:46,342 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.095 Matches: FAILED  
2023-07-21 13:26:46,345 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.070 Matches: FAILED  
2023-07-21 13:26:46,368 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:46,378 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.067 Matches: FAILED  
2023-07-21 13:26:46,379 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.068 Matches: FAILED  
2023-07-21 13:26:46,395 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.112 Matches: FAILED  
2023-07-21 13:26:46,408 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.107 Matches: FAILED  
2023-07-21 13:26:46,410 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and  
DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.114 T-robust: 0.004 T-total: 0.118

Matches: 28 Robust: 19 Success: False

2023-07-21 13:26:46,414 DEBUG: Matching DJI\_20230720205001\_0057\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.045 Matches: FAILED  
2023-07-21 13:26:46,420 DEBUG: Matching DJI\_20230720205251\_0114\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.136 Matches: FAILED  
2023-07-21 13:26:46,448 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and  
DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.101 Matches: FAILED  
2023-07-21 13:26:46,467 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.058 Matches: FAILED  
2023-07-21 13:26:46,467 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 Matches: FAILED  
2023-07-21 13:26:46,477 DEBUG: Matching DJI\_20230720204900\_0036\_T.JPG and  
DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 Matches: FAILED  
2023-07-21 13:26:46,479 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.101 Matches: FAILED  
2023-07-21 13:26:46,483 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 Matches: FAILED  
2023-07-21 13:26:46,486 DEBUG: Matching DJI\_20230720205218\_0101\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.104 T-robust: 0.004 T-total: 0.108

Matches: 45 Robust: 30 Success: True

2023-07-21 13:26:46,501 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:46,503 DEBUG: Matching DJI\_20230720204905\_0038\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.107 Matches: FAILED  
2023-07-21 13:26:46,536 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.067 Matches: FAILED  
2023-07-21 13:26:46,542 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.065 Matches: FAILED

2023-07-21 13:26:46,544 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED

2023-07-21 13:26:46,549 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.066 Matches: FAILED

2023-07-21 13:26:46,552 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 Matches: FAILED

2023-07-21 13:26:46,559 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and DJI\_20230720205332\_0127\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.054 T-robust: 0.004 T-total: 0.057 Matches: 29 Robust: 21 Success: True

2023-07-21 13:26:46,567 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and DJI\_20230720205249\_0113\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.113 T-robust: 0.005 T-total: 0.118 Matches: 22 Robust: 14 Success: False

2023-07-21 13:26:46,576 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:46,584 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.116 Matches: FAILED

2023-07-21 13:26:46,608 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and DJI\_20230720204755\_0014\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.058 Matches: FAILED

2023-07-21 13:26:46,608 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.066 Matches: FAILED

2023-07-21 13:26:46,610 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205243\_0111\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 T-robust: 0.003 T-total: 0.073 Matches: 59 Robust: 43 Success: True

2023-07-21 13:26:46,610 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.066 Matches: FAILED

2023-07-21 13:26:46,629 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.059 T-robust: 0.001 T-total: 0.060 Matches: 88 Robust: 77 Success: True

2023-07-21 13:26:46,663 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720205101\_0077\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.100 T-robust: 0.003 T-total: 0.103 Matches: 27 Robust: 19 Success: False

2023-07-21 13:26:46,675 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.061 T-robust: 0.005 T-total: 0.066 Matches: 29 Robust: 20 Success: True

2023-07-21 13:26:46,676 DEBUG: Matching DJI\_20230720205155\_0095\_T.JPG and DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.066 Matches: FAILED

2023-07-21 13:26:46,676 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.092 T-robust: 0.007 T-total: 0.099 Matches: 20 Robust: 13 Success: False

2023-07-21 13:26:46,676 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.068 Matches: FAILED

2023-07-21 13:26:46,684 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.099 Matches: FAILED

2023-07-21 13:26:46,712 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.005 T-total: 0.028 Matches: 22 Robust: 17 Success: False

2023-07-21 13:26:46,732 DEBUG: Matching DJI\_20230720204923\_0042\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.068 Matches: FAILED

2023-07-21 13:26:46,734 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.123 Matches: FAILED

2023-07-21 13:26:46,737 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.092 T-robust: 0.015 T-total: 0.107 Matches: 22 Robust: 12 Success: False

2023-07-21 13:26:46,750 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and

DJI\_20230720204954\_0054\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.075 Matches: FAILED  
2023-07-21 13:26:46,757 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205520\_0161\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:46,759 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:46,761 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.085 Matches: FAILED  
2023-07-21 13:26:46,772 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205317\_0121\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.090 T-robust: 0.005 T-total: 0.095  
Matches: 45 Robust: 29 Success: True  
2023-07-21 13:26:46,778 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.006 T-total: 0.026  
Matches: 30 Robust: 20 Success: True  
2023-07-21 13:26:46,804 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205418\_0142\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.127 Matches: FAILED  
2023-07-21 13:26:46,811 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.088 T-robust: 0.009 T-total: 0.097  
Matches: 20 Robust: 13 Success: False  
2023-07-21 13:26:46,841 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.083 Matches: FAILED  
2023-07-21 13:26:46,847 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205423\_0144\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.074 Matches: FAILED  
2023-07-21 13:26:46,848 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.113 Matches: FAILED  
2023-07-21 13:26:46,852 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.092 Matches: FAILED  
2023-07-21 13:26:46,860 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.099 Matches: FAILED  
2023-07-21 13:26:46,869 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.083 T-robust: 0.007 T-total: 0.090  
Matches: 21 Robust: 13 Success: False  
2023-07-21 13:26:46,872 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:46,903 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED  
2023-07-21 13:26:46,905 DEBUG: Matching DJI\_20230720205403\_0136\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 Matches: FAILED  
2023-07-21 13:26:46,905 DEBUG: Matching DJI\_20230720204834\_0026\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.053 T-robust: 0.003 T-total: 0.057  
Matches: 44 Robust: 32 Success: True  
2023-07-21 13:26:46,908 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.100 T-robust: 0.003 T-total: 0.103  
Matches: 40 Robust: 27 Success: True  
2023-07-21 13:26:46,915 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and  
DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.067 Matches: FAILED  
2023-07-21 13:26:46,921 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205332\_0127\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.002 T-total: 0.016  
Matches: 21 Robust: 16 Success: False  
2023-07-21 13:26:46,937 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.075 Matches: FAILED  
2023-07-21 13:26:46,943 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720205119\_0081\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 Matches: FAILED  
2023-07-21 13:26:46,962 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021

Matches: 28 Robust: 22 Success: True  
2023-07-21 13:26:46,963 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.149 T-robust: 0.002 T-total: 0.151  
Matches: 40 Robust: 30 Success: True  
2023-07-21 13:26:46,966 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.058 Matches: FAILED  
2023-07-21 13:26:46,969 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:46,972 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205520\_0161\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.063 Matches: FAILED  
2023-07-21 13:26:46,979 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and  
DJI\_20230720204936\_0047\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED  
2023-07-21 13:26:46,980 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:46,983 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720204758\_0015\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:46,995 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:46,997 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.003 T-total: 0.028  
Matches: 24 Robust: 17 Success: False  
2023-07-21 13:26:46,999 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.083 Matches: FAILED  
2023-07-21 13:26:47,024 DEBUG: Matching DJI\_20230720204847\_0031\_T.JPG and  
DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.118 T-robust: 0.002 T-total: 0.120  
Matches: 27 Robust: 21 Success: True  
2023-07-21 13:26:47,039 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:47,042 DEBUG: Matching DJI\_20230720205502\_0156\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.075 Matches: FAILED  
2023-07-21 13:26:47,059 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED  
2023-07-21 13:26:47,070 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.067 T-robust: 0.001 T-total: 0.069  
Matches: 77 Robust: 59 Success: True  
2023-07-21 13:26:47,071 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and  
DJI\_20230720205129\_0085\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.078 T-robust: 0.008 T-total: 0.087  
Matches: 21 Robust: 13 Success: False  
2023-07-21 13:26:47,071 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.060 T-robust: 0.010 T-total: 0.071  
Matches: 25 Robust: 15 Success: False  
2023-07-21 13:26:47,094 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 Matches: FAILED  
2023-07-21 13:26:47,094 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.002 T-total: 0.023  
Matches: 26 Robust: 19 Success: False  
2023-07-21 13:26:47,099 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 T-robust: 0.003 T-total: 0.041  
Matches: 45 Robust: 32 Success: True  
2023-07-21 13:26:47,102 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.005 T-total: 0.032  
Matches: 27 Robust: 18 Success: False  
2023-07-21 13:26:47,105 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.064 T-robust: 0.002 T-total: 0.066

Matches: 76 Robust: 59 Success: True  
2023-07-21 13:26:47,121 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.141 Matches: FAILED  
2023-07-21 13:26:47,145 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and  
DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 T-robust: 0.016 T-total: 0.051  
Matches: 24 Robust: 16 Success: False  
2023-07-21 13:26:47,148 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED  
2023-07-21 13:26:47,150 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 T-robust: 0.010 T-total: 0.048  
Matches: 32 Robust: 24 Success: True  
2023-07-21 13:26:47,161 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205456\_0154\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.181 Matches: FAILED  
2023-07-21 13:26:47,169 DEBUG: Matching DJI\_20230720205218\_0101\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.047 Matches: FAILED  
2023-07-21 13:26:47,172 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720205119\_0081\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:47,177 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.006 T-total: 0.027  
Matches: 37 Robust: 23 Success: True  
2023-07-21 13:26:47,178 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:47,200 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:47,207 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.003 T-total: 0.028  
Matches: 72 Robust: 53 Success: True  
2023-07-21 13:26:47,208 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 T-robust: 0.003 T-total: 0.045  
Matches: 37 Robust: 26 Success: True  
2023-07-21 13:26:47,213 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.114 T-robust: 0.003 T-total: 0.118  
Matches: 59 Robust: 43 Success: True  
2023-07-21 13:26:47,220 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205121\_0082\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.103 T-robust: 0.007 T-total: 0.110  
Matches: 27 Robust: 17 Success: False  
2023-07-21 13:26:47,225 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.148 T-robust: 0.004 T-total: 0.153  
Matches: 52 Robust: 34 Success: True  
2023-07-21 13:26:47,229 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:47,231 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.062 Matches: FAILED  
2023-07-21 13:26:47,236 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:47,252 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:47,257 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:47,261 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.083 T-robust: 0.002 T-total: 0.085  
Matches: 55 Robust: 42 Success: True  
2023-07-21 13:26:47,262 DEBUG: Matching DJI\_20230720204837\_0027\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 Matches: FAILED

2023-07-21 13:26:47,265 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:47,273 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.065 Matches: FAILED

2023-07-21 13:26:47,291 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 T-robust: 0.004 T-total: 0.038 Matches: 42 Robust: 28 Success: True

2023-07-21 13:26:47,292 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 T-robust: 0.003 T-total: 0.072 Matches: 25 Robust: 19 Success: False

2023-07-21 13:26:47,297 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.001 T-total: 0.040 Matches: 37 Robust: 29 Success: True

2023-07-21 13:26:47,302 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and DJI\_20230720205317\_0121\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.007 T-total: 0.028 Matches: 86 Robust: 58 Success: True

2023-07-21 13:26:47,319 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205322\_0123\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED

2023-07-21 13:26:47,326 DEBUG: Matching DJI\_20230720204900\_0036\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:47,329 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.045 T-robust: 0.019 T-total: 0.064 Matches: 22 Robust: 12 Success: False

2023-07-21 13:26:47,336 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED

2023-07-21 13:26:47,344 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 Matches: FAILED

2023-07-21 13:26:47,349 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and DJI\_20230720205101\_0077\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:47,353 DEBUG: Matching DJI\_20230720205444\_0152\_T.JPG and DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.111 T-robust: 0.010 T-total: 0.121 Matches: 41 Robust: 25 Success: True

2023-07-21 13:26:47,363 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720204931\_0045\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 Matches: FAILED

2023-07-21 13:26:47,386 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 T-robust: 0.013 T-total: 0.055 Matches: 21 Robust: 15 Success: False

2023-07-21 13:26:47,394 DEBUG: Matching DJI\_20230720205303\_0116\_T.JPG and DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.123 T-robust: 0.005 T-total: 0.132 Matches: 40 Robust: 29 Success: True

2023-07-21 13:26:47,418 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720204959\_0056\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.063 Matches: FAILED

2023-07-21 13:26:47,423 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED

2023-07-21 13:26:47,425 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.061 Matches: FAILED

2023-07-21 13:26:47,430 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205249\_0113\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.092 Matches: FAILED

2023-07-21 13:26:47,434 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720204806\_0018\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.131 Matches: FAILED

2023-07-21 13:26:47,457 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204730\_0004\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.112 Matches: FAILED

2023-07-21 13:26:47,459 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720205053\_0074\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.063 Matches: FAILED

2023-07-21 13:26:47,486 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.135 Matches: FAILED

2023-07-21 13:26:47,500 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED

2023-07-21 13:26:47,506 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205509\_0159\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.072 T-robust: 0.008 T-total: 0.080 Matches: 20 Robust: 15 Success: False

2023-07-21 13:26:47,514 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.078 Matches: FAILED

2023-07-21 13:26:47,517 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.087 T-robust: 0.003 T-total: 0.090 Matches: 75 Robust: 60 Success: True

2023-07-21 13:26:47,518 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720204938\_0048\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:47,535 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED

2023-07-21 13:26:47,537 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720205147\_0092\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.118 Matches: FAILED

2023-07-21 13:26:47,538 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:47,545 DEBUG: Matching DJI\_20230720205111\_0078\_T.JPG and DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.112 T-robust: 0.002 T-total: 0.114 Matches: 70 Robust: 55 Success: True

2023-07-21 13:26:47,546 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.087 Matches: FAILED

2023-07-21 13:26:47,561 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.046 Matches: FAILED

2023-07-21 13:26:47,565 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.045 T-robust: 0.002 T-total: 0.047 Matches: 20 Robust: 18 Success: False

2023-07-21 13:26:47,569 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 T-robust: 0.003 T-total: 0.032 Matches: 39 Robust: 28 Success: True

2023-07-21 13:26:47,579 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 T-robust: 0.002 T-total: 0.043 Matches: 43 Robust: 33 Success: True

2023-07-21 13:26:47,580 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.003 T-total: 0.034 Matches: 31 Robust: 23 Success: True

2023-07-21 13:26:47,587 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 T-robust: 0.002 T-total: 0.040 Matches: 28 Robust: 20 Success: True

2023-07-21 13:26:47,588 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 T-robust: 0.005 T-total: 0.049 Matches: 68 Robust: 43 Success: True

2023-07-21 13:26:47,591 DEBUG: Matching DJI\_20230720204745\_0010\_T.JPG and DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:47,596 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED

2023-07-21 13:26:47,599 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED

2023-07-21 13:26:47,602 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:47,603 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and

DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:47,604 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.084 Matches: FAILED  
2023-07-21 13:26:47,620 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and  
DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:47,622 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:47,629 DEBUG: Matching DJI\_20230720205017\_0060\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:47,630 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.006 T-total: 0.026  
Matches: 25 Robust: 15 Success: False  
2023-07-21 13:26:47,636 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:47,637 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:47,650 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:47,652 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:47,652 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:47,657 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204938\_0048\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.068 Matches: FAILED  
2023-07-21 13:26:47,658 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 Matches: FAILED  
2023-07-21 13:26:47,659 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.067 Matches: FAILED  
2023-07-21 13:26:47,668 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.064 Matches: FAILED  
2023-07-21 13:26:47,669 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,677 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:47,677 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.002 T-total: 0.018  
Matches: 75 Robust: 55 Success: True  
2023-07-21 13:26:47,682 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 Matches: FAILED  
2023-07-21 13:26:47,683 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.006 T-total: 0.025  
Matches: 30 Robust: 19 Success: False  
2023-07-21 13:26:47,685 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,686 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720205129\_0085\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:47,695 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:47,702 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and  
DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:47,702 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:47,709 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.006 T-total: 0.023

Matches: 24 Robust: 15 Success: False

2023-07-21 13:26:47,710 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED

2023-07-21 13:26:47,713 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED

2023-07-21 13:26:47,714 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.049 T-robust: 0.013 T-total: 0.062

Matches: 22 Robust: 12 Success: False

2023-07-21 13:26:47,719 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,724 DEBUG: Matching DJI\_20230720204834\_0026\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.003 T-total: 0.021

Matches: 83 Robust: 57 Success: True

2023-07-21 13:26:47,725 DEBUG: Matching DJI\_20230720204852\_0033\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:47,726 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and DJI\_20230720204959\_0056\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:47,727 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:47,736 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:47,739 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:47,740 DEBUG: Matching DJI\_20230720205030\_0065\_T.JPG and DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:47,742 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.065 Matches: FAILED

2023-07-21 13:26:47,745 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:47,757 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:47,758 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:47,759 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:47,762 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:47,765 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.020

Matches: 38 Robust: 27 Success: True

2023-07-21 13:26:47,767 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED

2023-07-21 13:26:47,774 DEBUG: Matching DJI\_20230720205312\_0119\_T.JPG and DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,775 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.046 Matches: FAILED

2023-07-21 13:26:47,775 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,790 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205147\_0092\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:47,793 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.003 T-total: 0.025

Matches: 23 Robust: 16 Success: False

2023-07-21 13:26:47,796 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and

DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.003 T-total: 0.029  
Matches: 32 Robust: 22 Success: True  
2023-07-21 13:26:47,797 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:47,805 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.105 T-robust: 0.017 T-total: 0.122  
Matches: 29 Robust: 16 Success: False  
2023-07-21 13:26:47,808 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.001 T-total: 0.017  
Matches: 20 Robust: 15 Success: False  
2023-07-21 13:26:47,809 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.007 T-total: 0.033  
Matches: 35 Robust: 21 Success: True  
2023-07-21 13:26:47,811 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:47,812 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and  
DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:47,815 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and  
DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,817 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.058 Matches: FAILED  
2023-07-21 13:26:47,825 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and  
DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,825 DEBUG: Matching DJI\_20230720205531\_0165\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.064 Matches: FAILED  
2023-07-21 13:26:47,827 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720205147\_0092\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:47,828 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and  
DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.003 T-total: 0.020  
Matches: 24 Robust: 16 Success: False  
2023-07-21 13:26:47,829 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204748\_0011\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:47,832 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,834 DEBUG: Matching DJI\_20230720205220\_0102\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,837 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.003 T-total: 0.026  
Matches: 41 Robust: 31 Success: True  
2023-07-21 13:26:47,838 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED  
2023-07-21 13:26:47,842 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:47,845 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:47,848 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:47,850 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.004 T-total: 0.021  
Matches: 20 Robust: 14 Success: False  
2023-07-21 13:26:47,851 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and  
DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:47,853 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and  
DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:47,857 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:47,859 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,863 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:47,867 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:47,869 DEBUG: Matching DJI\_20230720204826\_0023\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.018 Matches: 29 Robust: 22 Success: True

2023-07-21 13:26:47,875 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,876 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:47,877 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:47,885 DEBUG: Matching DJI\_20230720205225\_0104\_T.JPG and DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 Matches: FAILED

2023-07-21 13:26:47,888 DEBUG: Matching DJI\_20230720204900\_0036\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.008 T-total: 0.024 Matches: 21 Robust: 13 Success: False

2023-07-21 13:26:47,889 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.010 T-total: 0.037 Matches: 39 Robust: 24 Success: True

2023-07-21 13:26:47,893 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and DJI\_20230720205526\_0163\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,894 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.001 T-total: 0.017 Matches: 42 Robust: 32 Success: True

2023-07-21 13:26:47,894 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:47,901 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204941\_0049\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:47,903 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:47,905 DEBUG: Matching DJI\_20230720205142\_0090\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,906 DEBUG: Matching DJI\_20230720204900\_0036\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.002 T-total: 0.018 Matches: 62 Robust: 45 Success: True

2023-07-21 13:26:47,912 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:47,912 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:47,917 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:47,921 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:47,922 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:47,926 DEBUG: Matching DJI\_20230720205230\_0106\_T.JPG and DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:47,928 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and

DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.003 T-total: 0.023  
Matches: 27 Robust: 18 Success: False  
2023-07-21 13:26:47,934 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:47,937 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,940 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.023  
Matches: 30 Robust: 20 Success: True  
2023-07-21 13:26:47,942 DEBUG: Matching DJI\_20230720205246\_0112\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.071 T-robust: 0.002 T-total: 0.074  
Matches: 45 Robust: 32 Success: True  
2023-07-21 13:26:47,942 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:47,946 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:47,946 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.012 Matches: FAILED  
2023-07-21 13:26:47,949 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and  
DJI\_20230720205317\_0121\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.001 T-total: 0.021  
Matches: 57 Robust: 46 Success: True  
2023-07-21 13:26:47,956 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:47,958 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205119\_0081\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:47,959 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205101\_0077\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:47,961 DEBUG: Matching DJI\_20230720205403\_0136\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:47,966 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:47,967 DEBUG: Matching DJI\_20230720205233\_0107\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.006 T-total: 0.025  
Matches: 38 Robust: 24 Success: True  
2023-07-21 13:26:47,970 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:47,973 DEBUG: Matching DJI\_20230720205444\_0152\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.003 T-total: 0.035  
Matches: 22 Robust: 15 Success: False  
2023-07-21 13:26:47,979 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:47,985 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.015 T-total: 0.040  
Matches: 20 Robust: 11 Success: False  
2023-07-21 13:26:47,989 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:47,993 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED  
2023-07-21 13:26:47,994 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:47,994 DEBUG: Matching DJI\_20230720205111\_0078\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED  
2023-07-21 13:26:48,002 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.004 T-total: 0.028

Matches: 24 Robust: 16 Success: False  
2023-07-21 13:26:48,006 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:48,007 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED  
2023-07-21 13:26:48,008 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:48,014 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.005 T-total: 0.019  
Matches: 22 Robust: 14 Success: False  
2023-07-21 13:26:48,015 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720204941\_0049\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.021  
Matches: 55 Robust: 42 Success: True  
2023-07-21 13:26:48,016 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.003 T-total: 0.021  
Matches: 22 Robust: 17 Success: False  
2023-07-21 13:26:48,027 DEBUG: Matching DJI\_20230720205459\_0155\_T.JPG and  
DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 Matches: FAILED  
2023-07-21 13:26:48,034 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and  
DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,035 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:48,036 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.004 T-total: 0.025  
Matches: 40 Robust: 28 Success: True  
2023-07-21 13:26:48,037 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and  
DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:48,042 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.004 T-total: 0.027  
Matches: 31 Robust: 21 Success: True  
2023-07-21 13:26:48,046 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.007 T-total: 0.038  
Matches: 37 Robust: 26 Success: True  
2023-07-21 13:26:48,053 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.019 T-total: 0.044  
Matches: 22 Robust: 12 Success: False  
2023-07-21 13:26:48,053 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:48,056 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:48,057 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,058 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205053\_0074\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:48,064 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,067 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:48,072 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:48,076 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED  
2023-07-21 13:26:48,078 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:48,078 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:48,079 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and DJI\_20230720204941\_0049\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:48,084 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:48,092 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:48,096 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and DJI\_20230720205121\_0082\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:48,101 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.012 T-total: 0.029 Matches: 41 Robust: 23 Success: True

2023-07-21 13:26:48,101 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED

2023-07-21 13:26:48,104 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:48,117 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.023 Matches: 22 Robust: 15 Success: False

2023-07-21 13:26:48,118 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205327\_0125\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED

2023-07-21 13:26:48,119 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:48,122 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.016 T-total: 0.038 Matches: 21 Robust: 15 Success: False

2023-07-21 13:26:48,122 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 T-robust: 0.003 T-total: 0.045 Matches: 55 Robust: 39 Success: True

2023-07-21 13:26:48,127 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.026 Matches: 23 Robust: 17 Success: False

2023-07-21 13:26:48,129 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED

2023-07-21 13:26:48,136 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:48,139 DEBUG: Matching DJI\_20230720205142\_0090\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:48,141 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:48,145 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED

2023-07-21 13:26:48,145 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED

2023-07-21 13:26:48,149 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.007 T-total: 0.026 Matches: 39 Robust: 28 Success: True

2023-07-21 13:26:48,154 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and DJI\_20230720205101\_0077\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:48,156 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED

2023-07-21 13:26:48,165 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:48,169 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204755\_0014\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:48,173 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:48,177 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.010 T-total: 0.037 Matches: 30 Robust: 22 Success: True

2023-07-21 13:26:48,178 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and DJI\_20230720204748\_0011\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.005 T-total: 0.021 Matches: 36 Robust: 25 Success: True

2023-07-21 13:26:48,189 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and DJI\_20230720204907\_0039\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:48,192 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED

2023-07-21 13:26:48,192 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.045 T-robust: 0.001 T-total: 0.047 Matches: 25 Robust: 20 Success: True

2023-07-21 13:26:48,201 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:48,204 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.026 Matches: 48 Robust: 35 Success: True

2023-07-21 13:26:48,204 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.013 T-total: 0.029 Matches: 26 Robust: 14 Success: False

2023-07-21 13:26:48,211 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720204946\_0051\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,215 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.003 T-total: 0.036 Matches: 50 Robust: 34 Success: True

2023-07-21 13:26:48,224 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.074 Matches: FAILED

2023-07-21 13:26:48,229 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED

2023-07-21 13:26:48,230 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:48,235 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:48,237 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,245 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.019 T-total: 0.043 Matches: 38 Robust: 21 Success: True

2023-07-21 13:26:48,246 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:48,256 DEBUG: Matching DJI\_20230720204826\_0023\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:48,260 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:48,262 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:48,262 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:48,261 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and

DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.049 T-robust: 0.002 T-total: 0.051  
Matches: 109 Robust: 94 Success: True  
2023-07-21 13:26:48,270 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.076 Matches: FAILED  
2023-07-21 13:26:48,270 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:48,271 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:48,280 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:48,286 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,287 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.003 T-total: 0.026  
Matches: 55 Robust: 37 Success: True  
2023-07-21 13:26:48,293 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:48,296 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:48,306 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED  
2023-07-21 13:26:48,312 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 T-robust: 0.002 T-total: 0.031  
Matches: 60 Robust: 48 Success: True  
2023-07-21 13:26:48,313 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.046 Matches: FAILED  
2023-07-21 13:26:48,314 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:48,320 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED  
2023-07-21 13:26:48,323 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.002 T-total: 0.027  
Matches: 33 Robust: 24 Success: True  
2023-07-21 13:26:48,327 DEBUG: Matching DJI\_20230720205502\_0156\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.017 T-total: 0.056  
Matches: 22 Robust: 16 Success: False  
2023-07-21 13:26:48,330 DEBUG: Matching DJI\_20230720204842\_0029\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED  
2023-07-21 13:26:48,330 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.019  
Matches: 29 Robust: 22 Success: True  
2023-07-21 13:26:48,332 DEBUG: Matching DJI\_20230720205058\_0076\_T.JPG and  
DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:48,333 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:48,337 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204750\_0012\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:48,346 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:48,349 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720204936\_0047\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.001 T-total: 0.017  
Matches: 44 Robust: 35 Success: True  
2023-07-21 13:26:48,349 DEBUG: Matching DJI\_20230720205142\_0090\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:48,355 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and DJI\_20230720205119\_0081\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:48,361 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720204831\_0025\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.005 T-total: 0.023 Matches: 53 Robust: 35 Success: True

2023-07-21 13:26:48,363 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:48,363 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.001 T-total: 0.041 Matches: 24 Robust: 19 Success: False

2023-07-21 13:26:48,368 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 T-robust: 0.002 T-total: 0.039 Matches: 48 Robust: 35 Success: True

2023-07-21 13:26:48,370 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,374 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:48,375 DEBUG: Matching DJI\_20230720204923\_0042\_T.JPG and DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED

2023-07-21 13:26:48,385 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:48,388 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:48,389 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:48,393 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.007 T-total: 0.024 Matches: 21 Robust: 14 Success: False

2023-07-21 13:26:48,394 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,409 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,413 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED

2023-07-21 13:26:48,414 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,417 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.002 T-total: 0.023 Matches: 60 Robust: 46 Success: True

2023-07-21 13:26:48,418 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.016 T-total: 0.032 Matches: 23 Robust: 13 Success: False

2023-07-21 13:26:48,420 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.011 T-total: 0.044 Matches: 21 Robust: 12 Success: False

2023-07-21 13:26:48,423 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.019 T-total: 0.035 Matches: 26 Robust: 16 Success: False

2023-07-21 13:26:48,427 DEBUG: Matching DJI\_20230720205347\_0133\_T.JPG and DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.077 Matches: FAILED

2023-07-21 13:26:48,438 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and DJI\_20230720204949\_0052\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.002 T-total: 0.023 Matches: 38 Robust: 30 Success: True

2023-07-21 13:26:48,442 DEBUG: Matching DJI\_20230720205403\_0136\_T.JPG and

DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.005 T-total: 0.032  
Matches: 20 Robust: 13 Success: False  
2023-07-21 13:26:48,443 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:48,444 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:48,444 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:48,449 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.023  
Matches: 35 Robust: 25 Success: True  
2023-07-21 13:26:48,454 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.001 T-total: 0.040  
Matches: 48 Robust: 37 Success: True  
2023-07-21 13:26:48,464 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:48,468 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 Matches: FAILED  
2023-07-21 13:26:48,480 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED  
2023-07-21 13:26:48,483 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205236\_0108\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED  
2023-07-21 13:26:48,489 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 T-robust: 0.002 T-total: 0.044  
Matches: 64 Robust: 51 Success: True  
2023-07-21 13:26:48,493 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 T-robust: 0.003 T-total: 0.044  
Matches: 63 Robust: 46 Success: True  
2023-07-21 13:26:48,495 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 Matches: FAILED  
2023-07-21 13:26:48,507 DEBUG: Matching DJI\_20230720204849\_0032\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.004 T-total: 0.037  
Matches: 60 Robust: 41 Success: True  
2023-07-21 13:26:48,508 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:48,508 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED  
2023-07-21 13:26:48,513 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 T-robust: 0.010 T-total: 0.058  
Matches: 28 Robust: 16 Success: False  
2023-07-21 13:26:48,521 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,522 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204946\_0051\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:48,535 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 T-robust: 0.009 T-total: 0.052  
Matches: 75 Robust: 56 Success: True  
2023-07-21 13:26:48,538 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 Matches: FAILED  
2023-07-21 13:26:48,542 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:48,543 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and  
DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:48,545 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and

DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED  
2023-07-21 13:26:48,547 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:48,554 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.004 T-total: 0.031  
Matches: 35 Robust: 23 Success: True  
2023-07-21 13:26:48,568 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and  
DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.049 T-robust: 0.005 T-total: 0.054  
Matches: 28 Robust: 18 Success: False  
2023-07-21 13:26:48,569 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,575 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.002 T-total: 0.025  
Matches: 58 Robust: 45 Success: True  
2023-07-21 13:26:48,576 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:48,579 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.006 T-total: 0.024  
Matches: 51 Robust: 34 Success: True  
2023-07-21 13:26:48,586 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.003 T-total: 0.042  
Matches: 29 Robust: 21 Success: True  
2023-07-21 13:26:48,587 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.015 T-total: 0.036  
Matches: 29 Robust: 16 Success: False  
2023-07-21 13:26:48,587 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:48,586 DEBUG: Matching DJI\_20230720205428\_0146\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.005 T-total: 0.035  
Matches: 32 Robust: 20 Success: True  
2023-07-21 13:26:48,600 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:48,601 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:48,614 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 T-robust: 0.003 T-total: 0.044  
Matches: 72 Robust: 55 Success: True  
2023-07-21 13:26:48,624 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.047 Matches: FAILED  
2023-07-21 13:26:48,630 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED  
2023-07-21 13:26:48,632 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204949\_0052\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED  
2023-07-21 13:26:48,633 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.004 T-total: 0.044  
Matches: 119 Robust: 86 Success: True  
2023-07-21 13:26:48,636 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED  
2023-07-21 13:26:48,640 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED  
2023-07-21 13:26:48,655 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.066 Matches: FAILED  
2023-07-21 13:26:48,656 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED

2023-07-21 13:26:48,661 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:48,662 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205053\_0074\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,665 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED

2023-07-21 13:26:48,669 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:48,673 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED

2023-07-21 13:26:48,686 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.005 T-total: 0.030 Matches: 36 Robust: 25 Success: True

2023-07-21 13:26:48,688 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 Matches: FAILED

2023-07-21 13:26:48,709 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.011 T-total: 0.039 Matches: 20 Robust: 13 Success: False

2023-07-21 13:26:48,710 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 Matches: FAILED

2023-07-21 13:26:48,713 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED

2023-07-21 13:26:48,718 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 Matches: FAILED

2023-07-21 13:26:48,719 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 T-robust: 0.008 T-total: 0.056 Matches: 62 Robust: 40 Success: True

2023-07-21 13:26:48,719 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.065 Matches: FAILED

2023-07-21 13:26:48,746 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 Matches: FAILED

2023-07-21 13:26:48,758 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED

2023-07-21 13:26:48,764 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED

2023-07-21 13:26:48,770 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.059 Matches: FAILED

2023-07-21 13:26:48,771 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.060 Matches: FAILED

2023-07-21 13:26:48,782 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.053 T-robust: 0.006 T-total: 0.060 Matches: 40 Robust: 26 Success: True

2023-07-21 13:26:48,771 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.084 Matches: FAILED

2023-07-21 13:26:48,800 DEBUG: Matching DJI\_20230720205035\_0067\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:48,803 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 Matches: FAILED

2023-07-21 13:26:48,811 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.082 T-robust: 0.003 T-total: 0.086 Matches: 52 Robust: 36 Success: True

2023-07-21 13:26:48,819 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.059 Matches: FAILED

2023-07-21 13:26:48,820 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and

DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 Matches: FAILED  
2023-07-21 13:26:48,826 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 Matches: FAILED  
2023-07-21 13:26:48,829 DEBUG: Matching DJI\_20230720205531\_0165\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 Matches: FAILED  
2023-07-21 13:26:48,844 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 T-robust: 0.002 T-total: 0.059  
Matches: 52 Robust: 37 Success: True  
2023-07-21 13:26:48,853 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 Matches: FAILED  
2023-07-21 13:26:48,864 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 T-robust: 0.003 T-total: 0.057  
Matches: 59 Robust: 42 Success: True  
2023-07-21 13:26:48,866 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 T-robust: 0.003 T-total: 0.054  
Matches: 79 Robust: 57 Success: True  
2023-07-21 13:26:48,868 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:48,871 DEBUG: Matching DJI\_20230720205312\_0119\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.049 T-robust: 0.002 T-total: 0.051  
Matches: 110 Robust: 97 Success: True  
2023-07-21 13:26:48,887 DEBUG: Matching DJI\_20230720205312\_0119\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 T-robust: 0.005 T-total: 0.060  
Matches: 44 Robust: 30 Success: True  
2023-07-21 13:26:48,894 DEBUG: Matching DJI\_20230720204847\_0031\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 Matches: FAILED  
2023-07-21 13:26:48,904 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 Matches: FAILED  
2023-07-21 13:26:48,905 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:48,915 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 T-robust: 0.003 T-total: 0.046  
Matches: 54 Robust: 42 Success: True  
2023-07-21 13:26:48,918 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.054 Matches: FAILED  
2023-07-21 13:26:48,920 DEBUG: Matching DJI\_20230720205335\_0128\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.075 Matches: FAILED  
2023-07-21 13:26:48,928 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.047 T-robust: 0.009 T-total: 0.056  
Matches: 21 Robust: 14 Success: False  
2023-07-21 13:26:48,936 DEBUG: Matching DJI\_20230720204849\_0032\_T.JPG and  
DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.009 T-total: 0.041  
Matches: 55 Robust: 37 Success: True  
2023-07-21 13:26:48,941 DEBUG: Matching DJI\_20230720205207\_0097\_T.JPG and  
DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.053 Matches: FAILED  
2023-07-21 13:26:48,947 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:48,951 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.045 Matches: FAILED  
2023-07-21 13:26:48,966 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 T-robust: 0.004 T-total: 0.060  
Matches: 47 Robust: 33 Success: True  
2023-07-21 13:26:48,972 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:48,975 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 Matches: FAILED

2023-07-21 13:26:48,980 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.003 T-total: 0.030 Matches: 36 Robust: 26 Success: True

2023-07-21 13:26:48,984 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.063 Matches: FAILED

2023-07-21 13:26:48,990 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 Matches: FAILED

2023-07-21 13:26:48,994 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.050 Matches: FAILED

2023-07-21 13:26:49,001 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 T-robust: 0.036 T-total: 0.072 Matches: 39 Robust: 19 Success: False

2023-07-21 13:26:49,002 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:49,010 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED

2023-07-21 13:26:49,016 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:49,024 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 Matches: FAILED

2023-07-21 13:26:49,025 DEBUG: Matching DJI\_20230720205058\_0076\_T.JPG and DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:49,028 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED

2023-07-21 13:26:49,036 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 Matches: FAILED

2023-07-21 13:26:49,040 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED

2023-07-21 13:26:49,051 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.079 T-robust: 0.004 T-total: 0.084 Matches: 45 Robust: 31 Success: True

2023-07-21 13:26:49,052 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED

2023-07-21 13:26:49,066 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED

2023-07-21 13:26:49,067 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.002 T-total: 0.042 Matches: 36 Robust: 26 Success: True

2023-07-21 13:26:49,069 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED

2023-07-21 13:26:49,070 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.049 T-robust: 0.004 T-total: 0.053 Matches: 30 Robust: 21 Success: True

2023-07-21 13:26:49,079 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.052 T-robust: 0.002 T-total: 0.054 Matches: 58 Robust: 46 Success: True

2023-07-21 13:26:49,080 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.002 T-total: 0.027 Matches: 34 Robust: 27 Success: True

2023-07-21 13:26:49,095 DEBUG: Matching DJI\_20230720205545\_0168\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:49,097 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and

DJI\_20230720204936\_0047\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.005 T-total: 0.030  
Matches: 21 Robust: 14 Success: False  
2023-07-21 13:26:49,101 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204831\_0025\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.005 T-total: 0.031  
Matches: 66 Robust: 53 Success: True  
2023-07-21 13:26:49,106 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED  
2023-07-21 13:26:49,107 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 Matches: FAILED  
2023-07-21 13:26:49,111 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:49,129 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:49,131 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720204936\_0047\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:49,136 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.053 T-robust: 0.001 T-total: 0.054  
Matches: 36 Robust: 31 Success: True  
2023-07-21 13:26:49,137 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.060 T-robust: 0.040 T-total: 0.100  
Matches: 24 Robust: 13 Success: False  
2023-07-21 13:26:49,146 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED  
2023-07-21 13:26:49,150 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205332\_0127\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 Matches: FAILED  
2023-07-21 13:26:49,152 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 Matches: FAILED  
2023-07-21 13:26:49,156 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:49,171 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.001 T-total: 0.034  
Matches: 27 Robust: 22 Success: True  
2023-07-21 13:26:49,174 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.058 T-robust: 0.010 T-total: 0.067  
Matches: 21 Robust: 15 Success: False  
2023-07-21 13:26:49,177 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:49,179 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 Matches: FAILED  
2023-07-21 13:26:49,181 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:49,190 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED  
2023-07-21 13:26:49,190 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and  
DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:49,201 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:49,205 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and  
DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.069 Matches: FAILED  
2023-07-21 13:26:49,210 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and  
DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.005 T-total: 0.027  
Matches: 21 Robust: 14 Success: False  
2023-07-21 13:26:49,212 DEBUG: Matching DJI\_20230720205111\_0078\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED

2023-07-21 13:26:49,215 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 T-robust: 0.002 T-total: 0.039 Matches: 34 Robust: 26 Success: True

2023-07-21 13:26:49,218 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED

2023-07-21 13:26:49,228 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED

2023-07-21 13:26:49,232 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:49,234 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 T-robust: 0.005 T-total: 0.042 Matches: 58 Robust: 42 Success: True

2023-07-21 13:26:49,247 DEBUG: Matching DJI\_20230720205230\_0106\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED

2023-07-21 13:26:49,249 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED

2023-07-21 13:26:49,250 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED

2023-07-21 13:26:49,251 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.005 T-total: 0.029 Matches: 23 Robust: 15 Success: False

2023-07-21 13:26:49,257 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED

2023-07-21 13:26:49,265 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 T-robust: 0.011 T-total: 0.060 Matches: 23 Robust: 15 Success: False

2023-07-21 13:26:49,269 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,275 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:49,278 DEBUG: Matching DJI\_20230720204905\_0038\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:49,285 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.050 Matches: FAILED

2023-07-21 13:26:49,291 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED

2023-07-21 13:26:49,303 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.066 T-robust: 0.002 T-total: 0.068 Matches: 55 Robust: 40 Success: True

2023-07-21 13:26:49,306 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 Matches: FAILED

2023-07-21 13:26:49,307 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.033 T-total: 0.057 Matches: 22 Robust: 14 Success: False

2023-07-21 13:26:49,308 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:49,329 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:49,330 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 T-robust: 0.002 T-total: 0.054 Matches: 20 Robust: 16 Success: False

2023-07-21 13:26:49,339 DEBUG: Matching DJI\_20230720205233\_0107\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.054 Matches: FAILED

2023-07-21 13:26:49,339 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and

DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:49,342 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.072 Matches: FAILED  
2023-07-21 13:26:49,342 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.003 T-total: 0.034  
Matches: 39 Robust: 32 Success: True  
2023-07-21 13:26:49,368 DEBUG: Matching DJI\_20230720205037\_0068\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.052 T-total: 0.074  
Matches: 20 Robust: 10 Success: False  
2023-07-21 13:26:49,375 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.071 Matches: FAILED  
2023-07-21 13:26:49,384 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED  
2023-07-21 13:26:49,384 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.051 Matches: FAILED  
2023-07-21 13:26:49,386 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.005 T-total: 0.039  
Matches: 37 Robust: 25 Success: True  
2023-07-21 13:26:49,387 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720204907\_0039\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.046 Matches: FAILED  
2023-07-21 13:26:49,391 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.058 Matches: FAILED  
2023-07-21 13:26:49,399 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:49,407 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205405\_0137\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:49,413 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:49,428 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.083 Matches: FAILED  
2023-07-21 13:26:49,436 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:49,443 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED  
2023-07-21 13:26:49,445 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.059 Matches: FAILED  
2023-07-21 13:26:49,451 DEBUG: Matching DJI\_20230720205309\_0118\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.063 T-robust: 0.004 T-total: 0.067  
Matches: 61 Robust: 46 Success: True  
2023-07-21 13:26:49,452 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204740\_0008\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.065 Matches: FAILED  
2023-07-21 13:26:49,454 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED  
2023-07-21 13:26:49,457 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.029 T-total: 0.061  
Matches: 21 Robust: 12 Success: False  
2023-07-21 13:26:49,482 DEBUG: Matching DJI\_20230720205347\_0133\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED  
2023-07-21 13:26:49,495 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:49,498 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 T-robust: 0.004 T-total: 0.045  
Matches: 31 Robust: 21 Success: True  
2023-07-21 13:26:49,500 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and

DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.050 T-robust: 0.003 T-total: 0.054  
Matches: 30 Robust: 22 Success: True  
2023-07-21 13:26:49,501 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.056 Matches: FAILED  
2023-07-21 13:26:49,504 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED  
2023-07-21 13:26:49,505 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.075 Matches: FAILED  
2023-07-21 13:26:49,507 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and  
DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:49,520 DEBUG: Matching DJI\_20230720204923\_0042\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:49,522 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 T-robust: 0.013 T-total: 0.068  
Matches: 25 Robust: 16 Success: False  
2023-07-21 13:26:49,526 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:49,530 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and  
DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.006 T-total: 0.029  
Matches: 20 Robust: 12 Success: False  
2023-07-21 13:26:49,538 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:49,540 DEBUG: Matching DJI\_20230720205459\_0155\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 T-robust: 0.004 T-total: 0.041  
Matches: 28 Robust: 18 Success: False  
2023-07-21 13:26:49,544 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED  
2023-07-21 13:26:49,549 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and  
DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED  
2023-07-21 13:26:49,550 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and  
DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:49,554 DEBUG: Matching DJI\_20230720204821\_0021\_T.JPG and  
DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.046 T-robust: 0.002 T-total: 0.048  
Matches: 20 Robust: 14 Success: False  
2023-07-21 13:26:49,555 DEBUG: Matching DJI\_20230720205324\_0124\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.003 T-total: 0.034  
Matches: 75 Robust: 52 Success: True  
2023-07-21 13:26:49,555 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and  
DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:49,556 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:49,570 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:49,578 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED  
2023-07-21 13:26:49,582 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205520\_0161\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:49,584 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.004 T-total: 0.026  
Matches: 25 Robust: 18 Success: False  
2023-07-21 13:26:49,585 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:49,586 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED

2023-07-21 13:26:49,588 DEBUG: Matching DJI\_20230720205444\_0152\_T.JPG and DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.008 T-total: 0.038 Matches: 21 Robust: 13 Success: False

2023-07-21 13:26:49,597 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.041 Matches: FAILED

2023-07-21 13:26:49,600 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:49,602 DEBUG: Matching DJI\_20230720205030\_0065\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:49,603 DEBUG: Matching DJI\_20230720205017\_0060\_T.JPG and DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,604 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:49,608 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.007 T-total: 0.028 Matches: 23 Robust: 14 Success: False

2023-07-21 13:26:49,618 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,626 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.001 T-total: 0.041 Matches: 109 Robust: 87 Success: True

2023-07-21 13:26:49,628 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED

2023-07-21 13:26:49,629 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:49,630 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,632 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED

2023-07-21 13:26:49,636 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:49,639 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720204941\_0049\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.002 T-total: 0.021 Matches: 38 Robust: 29 Success: True

2023-07-21 13:26:49,645 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205241\_0110\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.005 T-total: 0.036 Matches: 40 Robust: 25 Success: True

2023-07-21 13:26:49,650 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,655 DEBUG: Matching DJI\_20230720205207\_0097\_T.JPG and DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:49,659 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:49,660 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:49,663 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.003 T-total: 0.035 Matches: 52 Robust: 39 Success: True

2023-07-21 13:26:49,665 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:49,668 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.004 T-total: 0.031 Matches: 69 Robust: 47 Success: True

2023-07-21 13:26:49,670 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and

DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:49,670 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:49,681 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:49,685 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:49,688 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:49,691 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.001 T-total: 0.035  
Matches: 73 Robust: 62 Success: True  
2023-07-21 13:26:49,692 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205537\_0167\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.005 T-total: 0.026  
Matches: 26 Robust: 17 Success: False  
2023-07-21 13:26:49,694 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.026  
Matches: 34 Robust: 24 Success: True  
2023-07-21 13:26:49,695 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and  
DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED  
2023-07-21 13:26:49,703 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.003 T-total: 0.028  
Matches: 107 Robust: 82 Success: True  
2023-07-21 13:26:49,706 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:49,712 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720205022\_0062\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 T-robust: 0.002 T-total: 0.030  
Matches: 36 Robust: 27 Success: True  
2023-07-21 13:26:49,713 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.002 T-total: 0.024  
Matches: 25 Robust: 18 Success: False  
2023-07-21 13:26:49,715 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:49,717 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204748\_0011\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:49,722 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:49,729 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:49,730 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.002 T-total: 0.035  
Matches: 54 Robust: 38 Success: True  
2023-07-21 13:26:49,733 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.020  
Matches: 24 Robust: 18 Success: False  
2023-07-21 13:26:49,734 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:49,734 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:49,735 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:49,738 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204946\_0051\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:49,739 DEBUG: Matching DJI\_20230720205444\_0152\_T.JPG and

DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.017 T-total: 0.044  
Matches: 22 Robust: 12 Success: False  
2023-07-21 13:26:49,747 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:49,750 DEBUG: Matching DJI\_20230720205233\_0107\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:49,751 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:49,752 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:49,754 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.003 T-total: 0.020  
Matches: 45 Robust: 32 Success: True  
2023-07-21 13:26:49,758 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and  
DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.020  
Matches: 26 Robust: 20 Success: True  
2023-07-21 13:26:49,762 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:49,767 DEBUG: Matching DJI\_20230720205137\_0088\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.015 T-total: 0.033  
Matches: 34 Robust: 20 Success: True  
2023-07-21 13:26:49,767 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:49,769 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:49,770 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:49,774 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.003 T-total: 0.020  
Matches: 22 Robust: 15 Success: False  
2023-07-21 13:26:49,775 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:49,780 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:49,780 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:49,783 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and  
DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:49,785 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:49,786 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:49,789 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.001 T-total: 0.019  
Matches: 36 Robust: 30 Success: True  
2023-07-21 13:26:49,794 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:49,799 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.005 T-total: 0.025  
Matches: 20 Robust: 14 Success: False  
2023-07-21 13:26:49,803 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:49,803 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:49,809 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,809 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.010 T-total: 0.029 Matches: 44 Robust: 25 Success: True

2023-07-21 13:26:49,810 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:49,810 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and DJI\_20230720205053\_0074\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,811 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,822 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,825 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.001 T-total: 0.021 Matches: 20 Robust: 17 Success: False

2023-07-21 13:26:49,833 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205236\_0108\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:49,834 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.002 T-total: 0.023 Matches: 82 Robust: 64 Success: True

2023-07-21 13:26:49,845 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.010 T-total: 0.035 Matches: 20 Robust: 13 Success: False

2023-07-21 13:26:49,848 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED

2023-07-21 13:26:49,848 DEBUG: Matching DJI\_20230720205225\_0104\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:49,854 DEBUG: Matching DJI\_20230720205251\_0114\_T.JPG and DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 T-robust: 0.002 T-total: 0.044 Matches: 30 Robust: 21 Success: True

2023-07-21 13:26:49,854 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.026 T-total: 0.045 Matches: 33 Robust: 17 Success: False

2023-07-21 13:26:49,854 DEBUG: Matching DJI\_20230720205142\_0090\_T.JPG and DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:49,859 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720204831\_0025\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:49,863 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,864 DEBUG: Matching DJI\_20230720205340\_0130\_T.JPG and DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:49,866 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,867 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,871 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,872 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,875 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,876 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,878 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:49,883 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.002 T-total: 0.018 Matches: 46 Robust: 35 Success: True

2023-07-21 13:26:49,884 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,885 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,891 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,892 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.006 T-total: 0.021 Matches: 39 Robust: 25 Success: True

2023-07-21 13:26:49,898 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,900 DEBUG: Matching DJI\_20230720205058\_0076\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:49,902 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.001 T-total: 0.019 Matches: 52 Robust: 42 Success: True

2023-07-21 13:26:49,903 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.007 T-total: 0.027 Matches: 20 Robust: 12 Success: False

2023-07-21 13:26:49,904 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,905 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204740\_0008\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:49,908 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,912 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.019 Matches: 21 Robust: 17 Success: False

2023-07-21 13:26:49,918 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:49,918 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,921 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,922 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:49,924 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,925 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720204949\_0052\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.009 T-total: 0.027 Matches: 26 Robust: 15 Success: False

2023-07-21 13:26:49,930 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.001 T-total: 0.021 Matches: 63 Robust: 50 Success: True

2023-07-21 13:26:49,935 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204730\_0004\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,936 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.003 T-total: 0.024 Matches: 73 Robust: 52 Success: True

2023-07-21 13:26:49,938 DEBUG: Matching DJI\_20230720204842\_0029\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,938 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,940 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205129\_0085\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,942 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021 Matches: 51 Robust: 38 Success: True

2023-07-21 13:26:49,946 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.020 Matches: 52 Robust: 40 Success: True

2023-07-21 13:26:49,946 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:49,955 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204740\_0008\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,955 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,958 DEBUG: Matching DJI\_20230720205030\_0065\_T.JPG and DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,959 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and DJI\_20230720205121\_0082\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.004 T-total: 0.024 Matches: 31 Robust: 20 Success: True

2023-07-21 13:26:49,959 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:49,961 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:49,963 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:49,968 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.004 T-total: 0.022 Matches: 20 Robust: 13 Success: False

2023-07-21 13:26:49,971 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.002 T-total: 0.016 Matches: 26 Robust: 21 Success: True

2023-07-21 13:26:49,975 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.003 T-total: 0.019 Matches: 69 Robust: 54 Success: True

2023-07-21 13:26:49,977 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:49,977 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,978 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,981 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.001 T-total: 0.020 Matches: 32 Robust: 25 Success: True

2023-07-21 13:26:49,983 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and DJI\_20230720205436\_0149\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.004 T-total: 0.024 Matches: 20 Robust: 13 Success: False

2023-07-21 13:26:49,987 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,992 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:49,996 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:49,997 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204748\_0011\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:49,997 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204959\_0056\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:50,000 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,002 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:50,009 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205332\_0127\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,010 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:50,014 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.011 T-total: 0.030 Matches: 20 Robust: 12 Success: False

2023-07-21 13:26:50,015 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.001 T-total: 0.017 Matches: 28 Robust: 23 Success: True

2023-07-21 13:26:50,016 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,017 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.001 T-total: 0.017 Matches: 60 Robust: 49 Success: True

2023-07-21 13:26:50,021 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205040\_0069\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:50,027 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,030 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.006 T-total: 0.028 Matches: 39 Robust: 24 Success: True

2023-07-21 13:26:50,034 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.006 T-total: 0.023 Matches: 58 Robust: 37 Success: True

2023-07-21 13:26:50,037 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and DJI\_20230720205534\_0166\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.001 T-total: 0.023 Matches: 21 Robust: 17 Success: False

2023-07-21 13:26:50,038 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,039 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205337\_0129\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:50,041 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.006 T-total: 0.026 Matches: 26 Robust: 16 Success: False

2023-07-21 13:26:50,048 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:50,052 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,054 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204750\_0012\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,054 DEBUG: Matching DJI\_20230720204852\_0033\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,059 DEBUG: Matching DJI\_20230720204821\_0021\_T.JPG and

DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:50,061 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.003 T-total: 0.043  
Matches: 31 Robust: 22 Success: True  
2023-07-21 13:26:50,072 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205243\_0111\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.002 T-total: 0.022  
Matches: 112 Robust: 86 Success: True  
2023-07-21 13:26:50,073 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,075 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,077 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205306\_0117\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 T-robust: 0.013 T-total: 0.042  
Matches: 37 Robust: 26 Success: True  
2023-07-21 13:26:50,079 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720204907\_0039\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.004 T-total: 0.023  
Matches: 34 Robust: 23 Success: True  
2023-07-21 13:26:50,080 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:50,086 DEBUG: Matching DJI\_20230720205340\_0130\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.010 T-total: 0.025  
Matches: 28 Robust: 18 Success: False  
2023-07-21 13:26:50,089 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,090 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:50,091 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and  
DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,100 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and  
DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.005 T-total: 0.020  
Matches: 54 Robust: 36 Success: True  
2023-07-21 13:26:50,108 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,108 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and  
DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,110 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,113 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205210\_0098\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED  
2023-07-21 13:26:50,115 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.004 T-total: 0.029  
Matches: 99 Robust: 68 Success: True  
2023-07-21 13:26:50,119 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED  
2023-07-21 13:26:50,120 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205329\_0126\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.019  
Matches: 34 Robust: 25 Success: True  
2023-07-21 13:26:50,124 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.024 T-total: 0.043  
Matches: 26 Robust: 13 Success: False  
2023-07-21 13:26:50,128 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,129 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:50,130 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.001 T-total: 0.016 Matches: 28 Robust: 24 Success: True

2023-07-21 13:26:50,137 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720204949\_0052\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:50,139 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,141 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,142 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED

2023-07-21 13:26:50,149 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,154 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:50,156 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.007 T-total: 0.038 Matches: 21 Robust: 13 Success: False

2023-07-21 13:26:50,158 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.021 Matches: 79 Robust: 57 Success: True

2023-07-21 13:26:50,159 DEBUG: Matching DJI\_20230720205335\_0128\_T.JPG and DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,160 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.004 T-total: 0.030 Matches: 49 Robust: 32 Success: True

2023-07-21 13:26:50,161 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,170 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 T-robust: 0.029 T-total: 0.042 Matches: 37 Robust: 21 Success: True

2023-07-21 13:26:50,175 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.002 T-total: 0.017 Matches: 85 Robust: 66 Success: True

2023-07-21 13:26:50,175 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and DJI\_20230720205537\_0167\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.001 T-total: 0.021 Matches: 71 Robust: 61 Success: True

2023-07-21 13:26:50,176 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,178 DEBUG: Matching DJI\_20230720205303\_0116\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:50,179 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.019 Matches: 28 Robust: 20 Success: True

2023-07-21 13:26:50,182 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.003 T-total: 0.022 Matches: 26 Robust: 18 Success: False

2023-07-21 13:26:50,184 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED

2023-07-21 13:26:50,190 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:50,190 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:50,192 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and

DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.006 T-total: 0.030  
Matches: 63 Robust: 41 Success: True  
2023-07-21 13:26:50,198 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,199 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,200 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.004 T-total: 0.022  
Matches: 35 Robust: 24 Success: True  
2023-07-21 13:26:50,206 DEBUG: Matching DJI\_20230720205459\_0155\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.004 T-total: 0.029  
Matches: 26 Robust: 17 Success: False  
2023-07-21 13:26:50,211 DEBUG: Matching DJI\_20230720204956\_0055\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.003 T-total: 0.019  
Matches: 22 Robust: 15 Success: False  
2023-07-21 13:26:50,214 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,217 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,218 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.009 T-total: 0.033  
Matches: 31 Robust: 18 Success: False  
2023-07-21 13:26:50,219 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,221 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,225 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and  
DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,235 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,236 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.005 T-total: 0.045  
Matches: 29 Robust: 18 Success: False  
2023-07-21 13:26:50,237 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,238 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,242 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:50,243 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,246 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,247 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and  
DJI\_20230720205236\_0108\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.005 T-total: 0.036  
Matches: 75 Robust: 48 Success: True  
2023-07-21 13:26:50,251 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,255 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,256 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205121\_0082\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,257 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720205121\_0082\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,258 DEBUG: Matching DJI\_20230720204852\_0033\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,262 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,266 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204750\_0012\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:50,269 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.003 T-total: 0.034 Matches: 40 Robust: 27 Success: True

2023-07-21 13:26:50,271 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,274 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,275 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,276 DEBUG: Matching DJI\_20230720205035\_0067\_T.JPG and DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,279 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.001 T-total: 0.017 Matches: 88 Robust: 73 Success: True

2023-07-21 13:26:50,284 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and DJI\_20230720205101\_0077\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,288 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.010 T-total: 0.037 Matches: 34 Robust: 21 Success: True

2023-07-21 13:26:50,292 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,296 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,300 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.003 T-total: 0.025 Matches: 49 Robust: 40 Success: True

2023-07-21 13:26:50,308 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED

2023-07-21 13:26:50,309 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,309 DEBUG: Matching DJI\_20230720204849\_0032\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,310 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,313 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,315 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.022 T-total: 0.038 Matches: 34 Robust: 18 Success: False

2023-07-21 13:26:50,310 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 T-robust: 0.002 T-total: 0.039 Matches: 86 Robust: 72 Success: True

2023-07-21 13:26:50,318 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,327 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,331 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.012 Matches: FAILED

2023-07-21 13:26:50,332 DEBUG: Matching DJI\_20230720205513\_0160\_T.JPG and DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,333 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and DJI\_20230720205045\_0071\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,335 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.004 T-total: 0.022 Matches: 61 Robust: 44 Success: True

2023-07-21 13:26:50,337 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,338 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.007 T-total: 0.024 Matches: 23 Robust: 14 Success: False

2023-07-21 13:26:50,343 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED

2023-07-21 13:26:50,346 DEBUG: Matching DJI\_20230720205035\_0067\_T.JPG and DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,346 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204750\_0012\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,352 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205322\_0123\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,353 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,359 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,359 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:50,360 DEBUG: Matching DJI\_20230720205403\_0136\_T.JPG and DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,361 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205121\_0082\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,371 DEBUG: Matching DJI\_20230720205335\_0128\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.023 T-total: 0.037 Matches: 25 Robust: 10 Success: False

2023-07-21 13:26:50,379 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.004 T-total: 0.026 Matches: 58 Robust: 43 Success: True

2023-07-21 13:26:50,381 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and DJI\_20230720205053\_0074\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:50,382 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:50,383 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:50,393 DEBUG: Matching DJI\_20230720205017\_0060\_T.JPG and DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.003 T-total: 0.025 Matches: 20 Robust: 14 Success: False

2023-07-21 13:26:50,393 DEBUG: Matching DJI\_20230720205340\_0130\_T.JPG and DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.023 T-total: 0.042 Matches: 42 Robust: 21 Success: True

2023-07-21 13:26:50,398 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:50,402 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.005 T-total: 0.021 Matches: 27 Robust: 17 Success: False

2023-07-21 13:26:50,409 DEBUG: Matching DJI\_20230720205155\_0095\_T.JPG and

DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.003 T-total: 0.026  
Matches: 21 Robust: 15 Success: False  
2023-07-21 13:26:50,410 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.046 T-total: 0.065  
Matches: 26 Robust: 13 Success: False  
2023-07-21 13:26:50,414 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,419 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 T-robust: 0.002 T-total: 0.037  
Matches: 49 Robust: 34 Success: True  
2023-07-21 13:26:50,420 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,421 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.007 T-total: 0.026  
Matches: 20 Robust: 12 Success: False  
2023-07-21 13:26:50,421 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and  
DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.022 T-total: 0.041  
Matches: 26 Robust: 15 Success: False  
2023-07-21 13:26:50,427 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,429 DEBUG: Matching DJI\_20230720204826\_0023\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,430 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.005 T-total: 0.027  
Matches: 46 Robust: 29 Success: True  
2023-07-21 13:26:50,436 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,436 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,438 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.003 T-total: 0.023  
Matches: 21 Robust: 14 Success: False  
2023-07-21 13:26:50,438 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205210\_0098\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,439 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,447 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,453 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.024  
Matches: 21 Robust: 15 Success: False  
2023-07-21 13:26:50,454 DEBUG: Matching DJI\_20230720205335\_0128\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,455 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,456 DEBUG: Matching DJI\_20230720204821\_0021\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,457 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,458 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,470 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED  
2023-07-21 13:26:50,470 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and

DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,471 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.004 T-total: 0.023  
Matches: 57 Robust: 37 Success: True  
2023-07-21 13:26:50,472 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205423\_0144\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.023 T-total: 0.040  
Matches: 26 Robust: 13 Success: False  
2023-07-21 13:26:50,473 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,477 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and  
DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.004 T-total: 0.019  
Matches: 22 Robust: 15 Success: False  
2023-07-21 13:26:50,478 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and  
DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:50,486 DEBUG: Matching DJI\_20230720205058\_0076\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,490 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.003 T-total: 0.019  
Matches: 94 Robust: 71 Success: True  
2023-07-21 13:26:50,491 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.010 T-total: 0.033  
Matches: 30 Robust: 17 Success: False  
2023-07-21 13:26:50,490 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,492 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,493 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204806\_0018\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,495 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,500 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:50,501 DEBUG: Matching DJI\_20230720204745\_0010\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,505 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and  
DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,507 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.001 T-total: 0.016  
Matches: 26 Robust: 21 Success: True  
2023-07-21 13:26:50,509 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.001 T-total: 0.018  
Matches: 83 Robust: 65 Success: True  
2023-07-21 13:26:50,510 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and  
DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.019  
Matches: 38 Robust: 29 Success: True  
2023-07-21 13:26:50,517 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:50,520 DEBUG: Matching DJI\_20230720205312\_0119\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.003 T-total: 0.027  
Matches: 138 Robust: 112 Success: True  
2023-07-21 13:26:50,521 DEBUG: Matching DJI\_20230720205213\_0099\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,523 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.001 T-total: 0.017

Matches: 48 Robust: 41 Success: True  
2023-07-21 13:26:50,526 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,531 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.003 T-total: 0.021  
Matches: 60 Robust: 47 Success: True  
2023-07-21 13:26:50,531 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.005 T-total: 0.030  
Matches: 22 Robust: 14 Success: False  
2023-07-21 13:26:50,539 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,541 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:50,546 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and  
DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.003 T-total: 0.025  
Matches: 83 Robust: 66 Success: True  
2023-07-21 13:26:50,550 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:50,551 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and  
DJI\_20230720205345\_0132\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.026 T-total: 0.043  
Matches: 21 Robust: 12 Success: False  
2023-07-21 13:26:50,559 DEBUG: Matching DJI\_20230720204849\_0032\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.005 T-total: 0.038  
Matches: 27 Robust: 17 Success: False  
2023-07-21 13:26:50,564 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,565 DEBUG: Matching DJI\_20230720204956\_0055\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,568 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED  
2023-07-21 13:26:50,572 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:50,580 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.048 Matches: FAILED  
2023-07-21 13:26:50,581 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021  
Matches: 29 Robust: 21 Success: True  
2023-07-21 13:26:50,585 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,586 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,587 DEBUG: Matching DJI\_20230720205233\_0107\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.004 T-total: 0.036  
Matches: 23 Robust: 16 Success: False  
2023-07-21 13:26:50,593 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 T-robust: 0.007 T-total: 0.042  
Matches: 23 Robust: 15 Success: False  
2023-07-21 13:26:50,600 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,603 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and  
DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,604 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205526\_0163\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED  
2023-07-21 13:26:50,605 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and

DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,618 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and  
DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 Matches: FAILED  
2023-07-21 13:26:50,619 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.006 T-total: 0.032  
Matches: 57 Robust: 36 Success: True  
2023-07-21 13:26:50,620 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED  
2023-07-21 13:26:50,626 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,626 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and  
DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:50,630 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205317\_0121\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.003 T-total: 0.035  
Matches: 32 Robust: 22 Success: True  
2023-07-21 13:26:50,634 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and  
DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:50,634 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:50,637 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,645 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,648 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.001 T-total: 0.021  
Matches: 89 Robust: 72 Success: True  
2023-07-21 13:26:50,651 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and  
DJI\_20230720205025\_0063\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,652 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.007 T-total: 0.022  
Matches: 20 Robust: 12 Success: False  
2023-07-21 13:26:50,653 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,654 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,656 DEBUG: Matching DJI\_20230720204821\_0021\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED  
2023-07-21 13:26:50,661 DEBUG: Matching DJI\_20230720205233\_0107\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 T-robust: 0.004 T-total: 0.042  
Matches: 29 Robust: 19 Success: False  
2023-07-21 13:26:50,668 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.001 T-total: 0.020  
Matches: 75 Robust: 65 Success: True  
2023-07-21 13:26:50,670 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,671 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.001 T-total: 0.025  
Matches: 40 Robust: 36 Success: True  
2023-07-21 13:26:50,674 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and  
DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,677 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,679 DEBUG: Matching DJI\_20230720205246\_0112\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.002 T-total: 0.024

Matches: 20 Robust: 14 Success: False  
2023-07-21 13:26:50,680 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.007 T-total: 0.024  
Matches: 59 Robust: 36 Success: True  
2023-07-21 13:26:50,683 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,686 DEBUG: Matching DJI\_20230720205035\_0067\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:50,686 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,691 DEBUG: Matching DJI\_20230720204849\_0032\_T.JPG and  
DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,695 DEBUG: Matching DJI\_20230720205335\_0128\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,695 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.002 T-total: 0.024  
Matches: 22 Robust: 16 Success: False  
2023-07-21 13:26:50,701 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,704 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021  
Matches: 38 Robust: 28 Success: True  
2023-07-21 13:26:50,708 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and  
DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,714 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:50,720 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and  
DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:50,720 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.014 T-total: 0.046  
Matches: 40 Robust: 27 Success: True  
2023-07-21 13:26:50,725 DEBUG: Matching DJI\_20230720205459\_0155\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.002 T-total: 0.023  
Matches: 29 Robust: 21 Success: True  
2023-07-21 13:26:50,727 DEBUG: Matching DJI\_20230720205220\_0102\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED  
2023-07-21 13:26:50,731 DEBUG: Matching DJI\_20230720204737\_0007\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,733 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:50,734 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:50,739 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,742 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,743 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,754 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and  
DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,755 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.003 T-total: 0.021  
Matches: 34 Robust: 24 Success: True  
2023-07-21 13:26:50,759 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and

DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,761 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 Matches: FAILED  
2023-07-21 13:26:50,761 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.006 T-total: 0.026  
Matches: 20 Robust: 13 Success: False  
2023-07-21 13:26:50,763 DEBUG: Matching DJI\_20230720205001\_0057\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,764 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,766 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and  
DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:50,775 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and  
DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,782 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,784 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,786 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:50,793 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:50,794 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and  
DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED  
2023-07-21 13:26:50,796 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:50,805 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.036 T-robust: 0.002 T-total: 0.038  
Matches: 24 Robust: 20 Success: True  
2023-07-21 13:26:50,806 DEBUG: Matching DJI\_20230720204847\_0031\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,808 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:50,816 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,817 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:50,820 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and  
DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED  
2023-07-21 13:26:50,824 DEBUG: Matching DJI\_20230720205324\_0124\_T.JPG and  
DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.005 T-total: 0.038  
Matches: 27 Robust: 17 Success: False  
2023-07-21 13:26:50,825 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and  
DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.043 T-robust: 0.001 T-total: 0.047  
Matches: 39 Robust: 30 Success: True  
2023-07-21 13:26:50,825 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 T-robust: 0.003 T-total: 0.016  
Matches: 24 Robust: 16 Success: False  
2023-07-21 13:26:50,828 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:50,829 DEBUG: Matching DJI\_20230720205303\_0116\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,834 DEBUG: Matching DJI\_20230720204745\_0010\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,835 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,841 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,842 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:50,845 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,846 DEBUG: Matching DJI\_20230720205324\_0124\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.001 T-total: 0.018 Matches: 37 Robust: 29 Success: True

2023-07-21 13:26:50,847 DEBUG: Matching DJI\_20230720205309\_0118\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.023 Matches: 62 Robust: 44 Success: True

2023-07-21 13:26:50,848 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.002 T-total: 0.019 Matches: 36 Robust: 25 Success: True

2023-07-21 13:26:50,850 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,853 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and DJI\_20230720205408\_0138\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,859 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:50,862 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204748\_0011\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:50,863 DEBUG: Matching DJI\_20230720204732\_0005\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,865 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,867 DEBUG: Matching DJI\_20230720205111\_0078\_T.JPG and DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:50,868 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,870 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,875 DEBUG: Matching DJI\_20230720205230\_0106\_T.JPG and DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.009 T-total: 0.026 Matches: 26 Robust: 15 Success: False

2023-07-21 13:26:50,877 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED

2023-07-21 13:26:50,880 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and DJI\_20230720204737\_0007\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:50,883 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:50,884 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:50,891 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:50,893 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:50,896 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.002 T-total: 0.027 Matches: 52 Robust: 39 Success: True

2023-07-21 13:26:50,898 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and

DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.003 T-total: 0.018  
Matches: 51 Robust: 34 Success: True  
2023-07-21 13:26:50,900 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,901 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:50,902 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205322\_0123\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,904 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720204954\_0054\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.025 T-total: 0.040  
Matches: 21 Robust: 9 Success: False  
2023-07-21 13:26:50,908 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205329\_0126\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,909 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,913 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,914 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,915 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and  
DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,918 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205509\_0159\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:50,923 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,924 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,926 DEBUG: Matching DJI\_20230720205312\_0119\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,927 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and  
DJI\_20230720205022\_0062\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,929 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED  
2023-07-21 13:26:50,936 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.001 T-total: 0.021  
Matches: 48 Robust: 37 Success: True  
2023-07-21 13:26:50,939 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021  
Matches: 53 Robust: 40 Success: True  
2023-07-21 13:26:50,940 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,941 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.002 T-total: 0.016  
Matches: 46 Robust: 34 Success: True  
2023-07-21 13:26:50,943 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.006 T-total: 0.030  
Matches: 39 Robust: 26 Success: True  
2023-07-21 13:26:50,944 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.003 T-total: 0.018  
Matches: 52 Robust: 35 Success: True  
2023-07-21 13:26:50,948 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204938\_0048\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.004 T-total: 0.019  
Matches: 28 Robust: 18 Success: False  
2023-07-21 13:26:50,950 DEBUG: Matching DJI\_20230720204900\_0036\_T.JPG and

DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.001 T-total: 0.025  
Matches: 21 Robust: 16 Success: False  
2023-07-21 13:26:50,951 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205327\_0125\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:50,954 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and  
DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,956 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:50,961 DEBUG: Matching DJI\_20230720205410\_0139\_T.JPG and  
DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.001 T-total: 0.022  
Matches: 25 Robust: 19 Success: False  
2023-07-21 13:26:50,963 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:50,967 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,972 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,975 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.023  
Matches: 27 Robust: 19 Success: False  
2023-07-21 13:26:50,976 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:50,978 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and  
DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:50,978 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205509\_0159\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:50,978 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:50,980 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:50,989 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:50,991 DEBUG: Matching DJI\_20230720205142\_0090\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.002 T-total: 0.016  
Matches: 29 Robust: 23 Success: True  
2023-07-21 13:26:50,992 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,992 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED  
2023-07-21 13:26:50,996 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205416\_0141\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:50,998 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.020  
Matches: 41 Robust: 31 Success: True  
2023-07-21 13:26:51,001 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and  
DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.003 T-total: 0.020  
Matches: 57 Robust: 43 Success: True  
2023-07-21 13:26:51,007 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:51,008 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205459\_0155\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.007 T-total: 0.029  
Matches: 35 Robust: 24 Success: True  
2023-07-21 13:26:51,011 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:51,012 DEBUG: Matching DJI\_20230720205309\_0118\_T.JPG and DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:51,012 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204811\_0020\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021 Matches: 20 Robust: 15 Success: False

2023-07-21 13:26:51,014 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:51,017 DEBUG: Matching DJI\_20230720204933\_0046\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:51,020 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.001 T-total: 0.023 Matches: 23 Robust: 18 Success: False

2023-07-21 13:26:51,032 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:51,037 DEBUG: Matching DJI\_20230720204849\_0032\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.006 T-total: 0.029 Matches: 31 Robust: 20 Success: True

2023-07-21 13:26:51,037 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED

2023-07-21 13:26:51,042 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.002 T-total: 0.022 Matches: 44 Robust: 34 Success: True

2023-07-21 13:26:51,043 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 T-robust: 0.002 T-total: 0.031 Matches: 24 Robust: 18 Success: False

2023-07-21 13:26:51,044 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.004 T-total: 0.031 Matches: 38 Robust: 27 Success: True

2023-07-21 13:26:51,045 DEBUG: Matching DJI\_20230720205340\_0130\_T.JPG and DJI\_20230720205403\_0136\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED

2023-07-21 13:26:51,045 DEBUG: Matching DJI\_20230720205314\_0120\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED

2023-07-21 13:26:51,055 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:51,058 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.003 T-total: 0.026 Matches: 28 Robust: 20 Success: True

2023-07-21 13:26:51,064 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,065 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:51,066 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,070 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:51,073 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:51,080 DEBUG: Matching DJI\_20230720204745\_0010\_T.JPG and DJI\_20230720204852\_0033\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.005 T-total: 0.021 Matches: 27 Robust: 18 Success: False

2023-07-21 13:26:51,083 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.004 T-total: 0.026 Matches: 30 Robust: 22 Success: True

2023-07-21 13:26:51,084 DEBUG: Matching DJI\_20230720204800\_0016\_T.JPG and

DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,088 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,091 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,093 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.023 T-total: 0.056  
Matches: 21 Robust: 11 Success: False  
2023-07-21 13:26:51,099 DEBUG: Matching DJI\_20230720205058\_0076\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,100 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.003 T-total: 0.027  
Matches: 43 Robust: 31 Success: True  
2023-07-21 13:26:51,101 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,103 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.017 T-total: 0.037  
Matches: 22 Robust: 12 Success: False  
2023-07-21 13:26:51,104 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720204931\_0045\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,108 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.006 T-total: 0.024  
Matches: 29 Robust: 18 Success: False  
2023-07-21 13:26:51,109 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205152\_0094\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,116 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.008 T-total: 0.025  
Matches: 32 Robust: 19 Success: False  
2023-07-21 13:26:51,118 DEBUG: Matching DJI\_20230720205230\_0106\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.001 T-total: 0.018  
Matches: 20 Robust: 15 Success: False  
2023-07-21 13:26:51,121 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and  
DJI\_20230720204806\_0018\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,122 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.020  
Matches: 44 Robust: 31 Success: True  
2023-07-21 13:26:51,123 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:51,123 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,125 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,134 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,136 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.009 T-total: 0.036  
Matches: 41 Robust: 27 Success: True  
2023-07-21 13:26:51,137 DEBUG: Matching DJI\_20230720205017\_0060\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:51,137 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED  
2023-07-21 13:26:51,137 DEBUG: Matching DJI\_20230720205446\_0153\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,139 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and

DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:51,142 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,144 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.003 T-total: 0.019  
Matches: 55 Robust: 37 Success: True  
2023-07-21 13:26:51,151 DEBUG: Matching DJI\_20230720204753\_0013\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,155 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,158 DEBUG: Matching DJI\_20230720205027\_0064\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,164 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,165 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.028  
Matches: 51 Robust: 38 Success: True  
2023-07-21 13:26:51,166 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720205126\_0084\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,168 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:51,176 DEBUG: Matching DJI\_20230720205233\_0107\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,186 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:51,187 DEBUG: Matching DJI\_20230720205220\_0102\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,189 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and  
DJI\_20230720205423\_0144\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,189 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED  
2023-07-21 13:26:51,190 DEBUG: Matching DJI\_20230720205048\_0072\_T.JPG and  
DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,192 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204941\_0049\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.004 T-total: 0.027  
Matches: 22 Robust: 16 Success: False  
2023-07-21 13:26:51,196 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 Matches: FAILED  
2023-07-21 13:26:51,200 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720204907\_0039\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,210 DEBUG: Matching DJI\_20230720205329\_0126\_T.JPG and  
DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,214 DEBUG: Matching DJI\_20230720205444\_0152\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.027  
Matches: 90 Robust: 68 Success: True  
2023-07-21 13:26:51,215 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,216 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720205254\_0115\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,217 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and  
DJI\_20230720205101\_0077\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,218 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:51,219 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and

DJI\_20230720204748\_0011\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,234 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.045 Matches: FAILED  
2023-07-21 13:26:51,236 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and  
DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,243 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.007 T-total: 0.027  
Matches: 20 Robust: 12 Success: False  
2023-07-21 13:26:51,244 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205319\_0122\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.026  
Matches: 122 Robust: 97 Success: True  
2023-07-21 13:26:51,245 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,245 DEBUG: Matching DJI\_20230720205309\_0118\_T.JPG and  
DJI\_20230720205303\_0116\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 T-robust: 0.005 T-total: 0.035  
Matches: 27 Robust: 17 Success: False  
2023-07-21 13:26:51,248 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.001 T-total: 0.033  
Matches: 71 Robust: 58 Success: True  
2023-07-21 13:26:51,254 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205340\_0130\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.011 T-total: 0.034  
Matches: 28 Robust: 16 Success: False  
2023-07-21 13:26:51,255 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204750\_0012\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,264 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,265 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,266 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED  
2023-07-21 13:26:51,267 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,270 DEBUG: Matching DJI\_20230720204839\_0028\_T.JPG and  
DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,276 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,278 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,285 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,288 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,289 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204740\_0008\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:51,293 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.027 T-total: 0.048  
Matches: 27 Robust: 15 Success: False  
2023-07-21 13:26:51,299 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,303 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED  
2023-07-21 13:26:51,305 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.002 T-total: 0.026  
Matches: 60 Robust: 46 Success: True

2023-07-21 13:26:51,307 DEBUG: Matching DJI\_20230720204956\_0055\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:51,310 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.003 T-total: 0.043 Matches: 52 Robust: 35 Success: True

2023-07-21 13:26:51,317 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED

2023-07-21 13:26:51,320 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.001 T-total: 0.022 Matches: 30 Robust: 23 Success: True

2023-07-21 13:26:51,321 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720204941\_0049\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:51,322 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:51,325 DEBUG: Matching DJI\_20230720205350\_0134\_T.JPG and DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.035 Matches: FAILED

2023-07-21 13:26:51,326 DEBUG: Matching DJI\_20230720205230\_0106\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:51,336 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:51,341 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED

2023-07-21 13:26:51,343 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:51,344 DEBUG: Matching DJI\_20230720205426\_0145\_T.JPG and DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:51,346 DEBUG: Matching DJI\_20230720204829\_0024\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:51,347 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.037 Matches: FAILED

2023-07-21 13:26:51,350 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and DJI\_20230720205048\_0072\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:51,352 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:51,354 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.010 T-total: 0.027 Matches: 31 Robust: 19 Success: False

2023-07-21 13:26:51,362 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 T-robust: 0.003 T-total: 0.019 Matches: 20 Robust: 14 Success: False

2023-07-21 13:26:51,364 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720204959\_0056\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,365 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,374 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720205149\_0093\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:51,375 DEBUG: Matching DJI\_20230720204931\_0045\_T.JPG and DJI\_20230720205055\_0075\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED

2023-07-21 13:26:51,377 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:51,378 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:51,388 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and DJI\_20230720204730\_0004\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:51,390 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED

2023-07-21 13:26:51,390 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.004 T-total: 0.026 Matches: 45 Robust: 30 Success: True

2023-07-21 13:26:51,396 DEBUG: Matching DJI\_20230720205030\_0065\_T.JPG and DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:51,403 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720204949\_0052\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.001 T-total: 0.024 Matches: 49 Robust: 38 Success: True

2023-07-21 13:26:51,409 DEBUG: Matching DJI\_20230720205459\_0155\_T.JPG and DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 Matches: FAILED

2023-07-21 13:26:51,413 DEBUG: Matching DJI\_20230720205403\_0136\_T.JPG and DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.030 T-total: 0.060 Matches: 30 Robust: 14 Success: False

2023-07-21 13:26:51,421 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and DJI\_20230720205400\_0135\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:51,422 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205426\_0145\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:51,428 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.025 T-total: 0.050 Matches: 34 Robust: 16 Success: False

2023-07-21 13:26:51,433 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and DJI\_20230720205017\_0060\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.002 T-total: 0.042 Matches: 45 Robust: 33 Success: True

2023-07-21 13:26:51,434 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and DJI\_20230720205147\_0092\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.010 T-total: 0.042 Matches: 28 Robust: 16 Success: False

2023-07-21 13:26:51,435 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED

2023-07-21 13:26:51,439 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:51,442 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:51,445 DEBUG: Matching DJI\_20230720205246\_0112\_T.JPG and DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.001 T-total: 0.023 Matches: 44 Robust: 36 Success: True

2023-07-21 13:26:51,446 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.002 T-total: 0.032 Matches: 65 Robust: 50 Success: True

2023-07-21 13:26:51,451 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:51,452 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:51,458 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.002 T-total: 0.023 Matches: 47 Robust: 36 Success: True

2023-07-21 13:26:51,462 DEBUG: Matching DJI\_20230720205241\_0110\_T.JPG and DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.002 T-total: 0.028 Matches: 26 Robust: 19 Success: False

2023-07-21 13:26:51,465 DEBUG: Matching DJI\_20230720205218\_0101\_T.JPG and DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:51,469 DEBUG: Matching DJI\_20230720205246\_0112\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.001 T-total: 0.027

Matches: 65 Robust: 52 Success: True

2023-07-21 13:26:51,471 DEBUG: Matching DJI\_20230720204735\_0006\_T.JPG and  
DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:51,472 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,475 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and  
DJI\_20230720204730\_0004\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:51,476 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205114\_0079\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,481 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,485 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204936\_0047\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,489 DEBUG: Matching DJI\_20230720205319\_0122\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,496 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205332\_0127\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,498 DEBUG: Matching DJI\_20230720205116\_0080\_T.JPG and  
DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,499 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,503 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,504 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED  
2023-07-21 13:26:51,506 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and  
DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:51,511 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and  
DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,516 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,518 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,518 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,524 DEBUG: Matching DJI\_20230720205152\_0094\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:51,527 DEBUG: Matching DJI\_20230720205149\_0093\_T.JPG and  
DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,532 DEBUG: Matching DJI\_20230720205405\_0137\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:51,536 DEBUG: Matching DJI\_20230720205055\_0075\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,538 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,541 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and  
DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.003 T-total: 0.023

Matches: 23 Robust: 16 Success: False

2023-07-21 13:26:51,542 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and  
DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:51,543 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 T-robust: 0.004 T-total: 0.038

Matches: 79 Robust: 56 Success: True

2023-07-21 13:26:51,551 DEBUG: Matching DJI\_20230720205345\_0132\_T.JPG and

DJI\_20230720205152\_0094\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,554 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,555 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 T-robust: 0.003 T-total: 0.031  
Matches: 26 Robust: 21 Success: True  
2023-07-21 13:26:51,567 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:51,570 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205329\_0126\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:51,574 DEBUG: Matching DJI\_20230720205132\_0086\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,576 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and  
DJI\_20230720205233\_0107\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,579 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,580 DEBUG: Matching DJI\_20230720205439\_0150\_T.JPG and  
DJI\_20230720205309\_0118\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 T-robust: 0.003 T-total: 0.043  
Matches: 32 Robust: 22 Success: True  
2023-07-21 13:26:51,581 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720204730\_0004\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.013 T-total: 0.039  
Matches: 22 Robust: 12 Success: False  
2023-07-21 13:26:51,592 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205523\_0162\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,601 DEBUG: Matching DJI\_20230720204907\_0039\_T.JPG and  
DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,603 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205129\_0085\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.057 T-robust: 0.002 T-total: 0.060  
Matches: 31 Robust: 23 Success: True  
2023-07-21 13:26:51,606 DEBUG: Matching DJI\_20230720205428\_0146\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:51,607 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204755\_0014\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.006 T-total: 0.033  
Matches: 47 Robust: 30 Success: True  
2023-07-21 13:26:51,608 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and  
DJI\_20230720204936\_0047\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:51,609 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204849\_0032\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED  
2023-07-21 13:26:51,611 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:51,618 DEBUG: Matching DJI\_20230720205507\_0158\_T.JPG and  
DJI\_20230720205531\_0165\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:51,619 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,622 DEBUG: Matching DJI\_20230720205129\_0085\_T.JPG and  
DJI\_20230720205230\_0106\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:51,626 DEBUG: Matching DJI\_20230720205441\_0151\_T.JPG and  
DJI\_20230720205446\_0153\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,627 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.001 T-total: 0.018  
Matches: 28 Robust: 21 Success: True  
2023-07-21 13:26:51,627 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and  
DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,631 DEBUG: Matching DJI\_20230720205215\_0100\_T.JPG and

DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:51,635 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and  
DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:51,635 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and  
DJI\_20230720205144\_0091\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.005 T-total: 0.026  
Matches: 30 Robust: 20 Success: True  
2023-07-21 13:26:51,636 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204951\_0053\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,647 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205119\_0081\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,649 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720204847\_0031\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,651 DEBUG: Matching DJI\_20230720205126\_0084\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,652 DEBUG: Matching DJI\_20230720204902\_0037\_T.JPG and  
DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.002 T-total: 0.020  
Matches: 65 Robust: 54 Success: True  
2023-07-21 13:26:51,654 DEBUG: Matching DJI\_20230720204949\_0052\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.005 T-total: 0.031  
Matches: 31 Robust: 20 Success: True  
2023-07-21 13:26:51,657 DEBUG: Matching DJI\_20230720205225\_0104\_T.JPG and  
DJI\_20230720205137\_0088\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,660 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,661 DEBUG: Matching DJI\_20230720205534\_0166\_T.JPG and  
DJI\_20230720205502\_0156\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,670 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205347\_0133\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,671 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,674 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and  
DJI\_20230720205043\_0070\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.002 T-total: 0.020  
Matches: 41 Robust: 30 Success: True  
2023-07-21 13:26:51,674 DEBUG: Matching DJI\_20230720205243\_0111\_T.JPG and  
DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.003 T-total: 0.024  
Matches: 25 Robust: 18 Success: False  
2023-07-21 13:26:51,676 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205114\_0079\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED  
2023-07-21 13:26:51,685 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,686 DEBUG: Matching DJI\_20230720205456\_0154\_T.JPG and  
DJI\_20230720204917\_0040\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED  
2023-07-21 13:26:51,686 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and  
DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.002 T-total: 0.026  
Matches: 24 Robust: 17 Success: False  
2023-07-21 13:26:51,689 DEBUG: Matching DJI\_20230720204852\_0033\_T.JPG and  
DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 T-robust: 0.001 T-total: 0.018  
Matches: 38 Robust: 31 Success: True  
2023-07-21 13:26:51,690 DEBUG: Matching DJI\_20230720205035\_0067\_T.JPG and  
DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,694 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204745\_0010\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,696 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 T-robust: 0.003 T-total: 0.021

Matches: 25 Robust: 19 Success: False  
2023-07-21 13:26:51,699 DEBUG: Matching DJI\_20230720204730\_0004\_T.JPG and  
DJI\_20230720204905\_0038\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.013 T-total: 0.029  
Matches: 40 Robust: 22 Success: True  
2023-07-21 13:26:51,708 DEBUG: Matching DJI\_20230720205017\_0060\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,709 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,715 DEBUG: Matching DJI\_20230720205416\_0141\_T.JPG and  
DJI\_20230720205529\_0164\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,725 DEBUG: Matching DJI\_20230720204844\_0030\_T.JPG and  
DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,727 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205241\_0110\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 T-robust: 0.002 T-total: 0.030  
Matches: 63 Robust: 50 Success: True  
2023-07-21 13:26:51,727 DEBUG: Matching DJI\_20230720205058\_0076\_T.JPG and  
DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,730 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.040 T-robust: 0.001 T-total: 0.041  
Matches: 100 Robust: 89 Success: True  
2023-07-21 13:26:51,744 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 T-robust: 0.019 T-total: 0.048  
Matches: 31 Robust: 18 Success: False  
2023-07-21 13:26:51,744 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and  
DJI\_20230720204755\_0014\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED  
2023-07-21 13:26:51,746 DEBUG: Matching DJI\_20230720205537\_0167\_T.JPG and  
DJI\_20230720205545\_0168\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.003 T-total: 0.037  
Matches: 54 Robust: 43 Success: True  
2023-07-21 13:26:51,751 DEBUG: Matching DJI\_20230720205030\_0065\_T.JPG and  
DJI\_20230720205142\_0090\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:51,754 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and  
DJI\_20230720205444\_0152\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.062 T-robust: 0.007 T-total: 0.069  
Matches: 30 Robust: 20 Success: True  
2023-07-21 13:26:51,768 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205014\_0059\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.039 Matches: FAILED  
2023-07-21 13:26:51,777 DEBUG: Matching DJI\_20230720205001\_0057\_T.JPG and  
DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:51,777 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720204821\_0021\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.050 Matches: FAILED  
2023-07-21 13:26:51,778 DEBUG: Matching DJI\_20230720204923\_0042\_T.JPG and  
DJI\_20230720204730\_0004\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 Matches: FAILED  
2023-07-21 13:26:51,778 DEBUG: Matching DJI\_20230720205004\_0058\_T.JPG and  
DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.047 Matches: FAILED  
2023-07-21 13:26:51,778 DEBUG: Matching DJI\_20230720204808\_0019\_T.JPG and  
DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED  
2023-07-21 13:26:51,779 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,781 DEBUG: Matching DJI\_20230720205236\_0108\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 T-robust: 0.002 T-total: 0.035  
Matches: 132 Robust: 102 Success: True  
2023-07-21 13:26:51,785 DEBUG: Matching DJI\_20230720205228\_0105\_T.JPG and  
DJI\_20230720205335\_0128\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,800 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:51,800 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:51,802 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and DJI\_20230720205410\_0139\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:51,806 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720204803\_0017\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.001 T-total: 0.028 Matches: 22 Robust: 19 Success: False

2023-07-21 13:26:51,810 DEBUG: Matching DJI\_20230720205509\_0159\_T.JPG and DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 T-robust: 0.002 T-total: 0.033 Matches: 31 Robust: 25 Success: True

2023-07-21 13:26:51,812 DEBUG: Matching DJI\_20230720204826\_0023\_T.JPG and DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED

2023-07-21 13:26:51,816 DEBUG: Matching DJI\_20230720205030\_0065\_T.JPG and DJI\_20230720205035\_0067\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.003 T-total: 0.031 Matches: 20 Robust: 15 Success: False

2023-07-21 13:26:51,816 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720205030\_0065\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.038 Matches: FAILED

2023-07-21 13:26:51,826 DEBUG: Matching DJI\_20230720204923\_0042\_T.JPG and DJI\_20230720204902\_0037\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:51,828 DEBUG: Matching DJI\_20230720204959\_0056\_T.JPG and DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:51,834 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.005 T-total: 0.027 Matches: 29 Robust: 20 Success: True

2023-07-21 13:26:51,838 DEBUG: Matching DJI\_20230720205040\_0069\_T.JPG and DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:51,840 DEBUG: Matching DJI\_20230720204743\_0009\_T.JPG and DJI\_20230720204732\_0005\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:51,845 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720205019\_0061\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.042 Matches: FAILED

2023-07-21 13:26:51,845 DEBUG: Matching DJI\_20230720205134\_0087\_T.JPG and DJI\_20230720205225\_0104\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.044 Matches: FAILED

2023-07-21 13:26:51,847 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 T-robust: 0.002 T-total: 0.030 Matches: 55 Robust: 45 Success: True

2023-07-21 13:26:51,850 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205413\_0140\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:51,851 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and DJI\_20230720204743\_0009\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:51,855 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 Matches: FAILED

2023-07-21 13:26:51,855 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:51,861 DEBUG: Matching DJI\_20230720204748\_0011\_T.JPG and DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 Matches: FAILED

2023-07-21 13:26:51,861 DEBUG: Matching DJI\_20230720205337\_0129\_T.JPG and DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.011 T-total: 0.031 Matches: 34 Robust: 19 Success: False

2023-07-21 13:26:51,862 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and DJI\_20230720205433\_0148\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:51,872 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.001 T-total: 0.020 Matches: 105 Robust: 90 Success: True

2023-07-21 13:26:51,872 DEBUG: Matching DJI\_20230720205043\_0070\_T.JPG and

DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.015 T-robust: 0.004 T-total: 0.020  
Matches: 23 Robust: 17 Success: False  
2023-07-21 13:26:51,873 DEBUG: Matching DJI\_20230720204750\_0012\_T.JPG and  
DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,873 DEBUG: Matching DJI\_20230720204926\_0043\_T.JPG and  
DJI\_20230720204921\_0041\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.013 Matches: FAILED  
2023-07-21 13:26:51,873 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205119\_0081\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED  
2023-07-21 13:26:51,873 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and  
DJI\_20230720205207\_0097\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.002 T-total: 0.026  
Matches: 43 Robust: 31 Success: True  
2023-07-21 13:26:51,883 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and  
DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED  
2023-07-21 13:26:51,884 DEBUG: Matching DJI\_20230720205017\_0060\_T.JPG and  
DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:51,892 DEBUG: Matching DJI\_20230720205025\_0063\_T.JPG and  
DJI\_20230720205027\_0064\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.014 T-robust: 0.003 T-total: 0.017  
Matches: 28 Robust: 19 Success: False  
2023-07-21 13:26:51,894 DEBUG: Matching DJI\_20230720205124\_0083\_T.JPG and  
DJI\_20230720205238\_0109\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021  
Matches: 29 Robust: 22 Success: True  
2023-07-21 13:26:51,895 DEBUG: Matching DJI\_20230720205433\_0148\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.001 T-total: 0.023  
Matches: 24 Robust: 18 Success: False  
2023-07-21 13:26:51,896 DEBUG: Matching DJI\_20230720205314\_0120\_T.JPG and  
DJI\_20230720205124\_0083\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.002 T-total: 0.021  
Matches: 24 Robust: 17 Success: False  
2023-07-21 13:26:51,900 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720204954\_0054\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,902 DEBUG: Matching DJI\_20230720205526\_0163\_T.JPG and  
DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:51,902 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.009 T-total: 0.030  
Matches: 33 Robust: 19 Success: False  
2023-07-21 13:26:51,905 DEBUG: Matching DJI\_20230720204831\_0025\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 T-robust: 0.004 T-total: 0.025  
Matches: 38 Robust: 25 Success: True  
2023-07-21 13:26:51,912 DEBUG: Matching DJI\_20230720205050\_0073\_T.JPG and  
DJI\_20230720204933\_0046\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,914 DEBUG: Matching DJI\_20230720205523\_0162\_T.JPG and  
DJI\_20230720205431\_0147\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED  
2023-07-21 13:26:51,921 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and  
DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.008 T-total: 0.029  
Matches: 23 Robust: 14 Success: False  
2023-07-21 13:26:51,925 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED  
2023-07-21 13:26:51,930 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205520\_0161\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:51,933 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and  
DJI\_20230720205223\_0103\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:51,934 DEBUG: Matching DJI\_20230720204938\_0048\_T.JPG and  
DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:51,934 DEBUG: Matching DJI\_20230720205520\_0161\_T.JPG and  
DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED

2023-07-21 13:26:51,935 DEBUG: Matching DJI\_20230720204917\_0040\_T.JPG and DJI\_20230720204727\_0003\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.013 T-total: 0.039 Matches: 30 Robust: 17 Success: False

2023-07-21 13:26:51,942 DEBUG: Matching DJI\_20230720205421\_0143\_T.JPG and DJI\_20230720205513\_0160\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,945 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and DJI\_20230720204926\_0043\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:51,952 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:51,954 DEBUG: Matching DJI\_20230720205423\_0144\_T.JPG and DJI\_20230720205520\_0161\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,957 DEBUG: Matching DJI\_20230720204855\_0034\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.001 T-total: 0.022 Matches: 40 Robust: 32 Success: True

2023-07-21 13:26:51,959 DEBUG: Matching DJI\_20230720205045\_0071\_T.JPG and DJI\_20230720205134\_0087\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:51,959 DEBUG: Matching DJI\_20230720204954\_0054\_T.JPG and DJI\_20230720204956\_0055\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 T-robust: 0.001 T-total: 0.025 Matches: 65 Robust: 57 Success: True

2023-07-21 13:26:51,959 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.055 Matches: FAILED

2023-07-21 13:26:51,966 DEBUG: Matching DJI\_20230720205053\_0074\_T.JPG and DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:51,975 DEBUG: Matching DJI\_20230720205400\_0135\_T.JPG and DJI\_20230720205004\_0058\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED

2023-07-21 13:26:51,980 DEBUG: Matching DJI\_20230720204936\_0047\_T.JPG and DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:51,983 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:51,985 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 Matches: FAILED

2023-07-21 13:26:51,988 DEBUG: Matching DJI\_20230720205147\_0092\_T.JPG and DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.007 T-total: 0.027 Matches: 22 Robust: 14 Success: False

2023-07-21 13:26:51,989 DEBUG: Matching DJI\_20230720205322\_0123\_T.JPG and DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.032 T-robust: 0.002 T-total: 0.035 Matches: 105 Robust: 84 Success: True

2023-07-21 13:26:51,993 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and DJI\_20230720204800\_0016\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 T-robust: 0.002 T-total: 0.027 Matches: 105 Robust: 87 Success: True

2023-07-21 13:26:51,995 DEBUG: Matching DJI\_20230720204946\_0051\_T.JPG and DJI\_20230720204844\_0030\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:51,997 DEBUG: Matching DJI\_20230720204956\_0055\_T.JPG and DJI\_20230720204834\_0026\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.034 T-robust: 0.001 T-total: 0.036 Matches: 36 Robust: 29 Success: True

2023-07-21 13:26:52,001 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.017 Matches: FAILED

2023-07-21 13:26:52,004 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and DJI\_20230720205215\_0100\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:52,009 DEBUG: Matching DJI\_20230720205001\_0057\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:52,011 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and DJI\_20230720205053\_0074\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:52,013 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and

DJI\_20230720205155\_0095\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:52,013 DEBUG: Matching DJI\_20230720204758\_0015\_T.JPG and  
DJI\_20230720204735\_0006\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:52,019 DEBUG: Matching DJI\_20230720205210\_0098\_T.JPG and  
DJI\_20230720205152\_0094\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:52,025 DEBUG: Matching DJI\_20230720205431\_0147\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED  
2023-07-21 13:26:52,026 DEBUG: Matching DJI\_20230720205144\_0091\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED  
2023-07-21 13:26:52,031 DEBUG: Matching DJI\_20230720204842\_0029\_T.JPG and  
DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:52,034 DEBUG: Matching DJI\_20230720205413\_0140\_T.JPG and  
DJI\_20230720205342\_0131\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:52,037 DEBUG: Matching DJI\_20230720205035\_0067\_T.JPG and  
DJI\_20230720205037\_0068\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.002 T-total: 0.023  
Matches: 23 Robust: 18 Success: False  
2023-07-21 13:26:52,038 DEBUG: Matching DJI\_20230720205408\_0138\_T.JPG and  
DJI\_20230720205218\_0101\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.016 T-total: 0.043  
Matches: 24 Robust: 13 Success: False  
2023-07-21 13:26:52,039 DEBUG: Matching DJI\_20230720204740\_0008\_T.JPG and  
DJI\_20230720204753\_0013\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED  
2023-07-21 13:26:52,043 DEBUG: Matching DJI\_20230720205418\_0142\_T.JPG and  
DJI\_20230720205423\_0144\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:52,045 DEBUG: Matching DJI\_20230720204755\_0014\_T.JPG and  
DJI\_20230720204842\_0029\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.028 T-robust: 0.004 T-total: 0.032  
Matches: 21 Robust: 14 Success: False  
2023-07-21 13:26:52,055 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and  
DJI\_20230720204900\_0036\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:52,057 DEBUG: Matching DJI\_20230720205121\_0082\_T.JPG and  
DJI\_20230720205314\_0120\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 Matches: FAILED  
2023-07-21 13:26:52,057 DEBUG: Matching DJI\_20230720205218\_0101\_T.JPG and  
DJI\_20230720205213\_0099\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:52,063 DEBUG: Matching DJI\_20230720205306\_0117\_T.JPG and  
DJI\_20230720205439\_0150\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.004 T-total: 0.031  
Matches: 23 Robust: 15 Success: False  
2023-07-21 13:26:52,063 DEBUG: Matching DJI\_20230720205436\_0149\_T.JPG and  
DJI\_20230720205428\_0146\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:52,072 DEBUG: Matching DJI\_20230720204803\_0017\_T.JPG and  
DJI\_20230720204806\_0018\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.010 T-total: 0.030  
Matches: 43 Robust: 28 Success: True  
2023-07-21 13:26:52,073 DEBUG: Matching DJI\_20230720205317\_0121\_T.JPG and  
DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 T-robust: 0.006 T-total: 0.035  
Matches: 41 Robust: 27 Success: True  
2023-07-21 13:26:52,082 DEBUG: Matching DJI\_20230720205312\_0119\_T.JPG and  
DJI\_20230720205246\_0112\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 T-robust: 0.001 T-total: 0.029  
Matches: 76 Robust: 59 Success: True  
2023-07-21 13:26:52,083 DEBUG: Matching DJI\_20230720205119\_0081\_T.JPG and  
DJI\_20230720205050\_0073\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.025 Matches: FAILED  
2023-07-21 13:26:52,083 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and  
DJI\_20230720205228\_0105\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.027 Matches: FAILED  
2023-07-21 13:26:52,087 DEBUG: Matching DJI\_20230720204826\_0023\_T.JPG and  
DJI\_20230720205001\_0057\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED  
2023-07-21 13:26:52,091 DEBUG: Matching DJI\_20230720205342\_0131\_T.JPG and  
DJI\_20230720205350\_0134\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.030 Matches: FAILED

2023-07-21 13:26:52,097 DEBUG: Matching DJI\_20230720205037\_0068\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:52,099 DEBUG: Matching DJI\_20230720204944\_0050\_T.JPG and DJI\_20230720204837\_0027\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 Matches: FAILED

2023-07-21 13:26:52,101 DEBUG: Matching DJI\_20230720205014\_0059\_T.JPG and DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 T-robust: 0.007 T-total: 0.033 Matches: 55 Robust: 37 Success: True

2023-07-21 13:26:52,103 DEBUG: Matching DJI\_20230720204928\_0044\_T.JPG and DJI\_20230720204855\_0034\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 T-robust: 0.001 T-total: 0.020 Matches: 20 Robust: 16 Success: False

2023-07-21 13:26:52,107 DEBUG: Matching DJI\_20230720205114\_0079\_T.JPG and DJI\_20230720204923\_0042\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:52,110 DEBUG: Matching DJI\_20230720204806\_0018\_T.JPG and DJI\_20230720204824\_0022\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.026 Matches: FAILED

2023-07-21 13:26:52,113 DEBUG: Matching DJI\_20230720204951\_0053\_T.JPG and DJI\_20230720204839\_0028\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.029 Matches: FAILED

2023-07-21 13:26:52,120 DEBUG: Matching DJI\_20230720204928\_0044\_T.JPG and DJI\_20230720204857\_0035\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.024 T-robust: 0.003 T-total: 0.027 Matches: 28 Robust: 19 Success: False

2023-07-21 13:26:52,122 DEBUG: Matching DJI\_20230720205249\_0113\_T.JPG and DJI\_20230720205116\_0080\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:52,122 DEBUG: Matching DJI\_20230720205019\_0061\_T.JPG and DJI\_20230720204826\_0023\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED

2023-07-21 13:26:52,124 DEBUG: Matching DJI\_20230720204811\_0020\_T.JPG and DJI\_20230720204808\_0019\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 T-robust: 0.004 T-total: 0.024 Matches: 54 Robust: 36 Success: True

2023-07-21 13:26:52,131 DEBUG: Matching DJI\_20230720205529\_0164\_T.JPG and DJI\_20230720205504\_0157\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.023 Matches: FAILED

2023-07-21 13:26:52,132 DEBUG: Matching DJI\_20230720204941\_0049\_T.JPG and DJI\_20230720205132\_0086\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:52,137 DEBUG: Matching DJI\_20230720205254\_0115\_T.JPG and DJI\_20230720205111\_0078\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.031 T-robust: 0.001 T-total: 0.032 Matches: 71 Robust: 55 Success: True

2023-07-21 13:26:52,138 DEBUG: Matching DJI\_20230720204923\_0042\_T.JPG and DJI\_20230720204928\_0044\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:52,140 DEBUG: Matching DJI\_20230720205347\_0133\_T.JPG and DJI\_20230720205157\_0096\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.019 Matches: FAILED

2023-07-21 13:26:52,143 DEBUG: Matching DJI\_20230720205324\_0124\_T.JPG and DJI\_20230720205421\_0143\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:52,144 DEBUG: Matching DJI\_20230720205223\_0103\_T.JPG and DJI\_20230720205139\_0089\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:52,146 DEBUG: Matching DJI\_20230720205032\_0066\_T.JPG and DJI\_20230720204944\_0050\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.033 Matches: FAILED

2023-07-21 13:26:52,148 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and DJI\_20230720204831\_0025\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.016 Matches: FAILED

2023-07-21 13:26:52,153 DEBUG: Matching DJI\_20230720205504\_0157\_T.JPG and DJI\_20230720205312\_0119\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.020 Matches: FAILED

2023-07-21 13:26:52,156 DEBUG: Matching DJI\_20230720205513\_0160\_T.JPG and DJI\_20230720205507\_0158\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:52,162 DEBUG: Matching DJI\_20230720205101\_0077\_T.JPG and DJI\_20230720205251\_0114\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 Matches: FAILED

2023-07-21 13:26:52,163 DEBUG: Matching DJI\_20230720205022\_0062\_T.JPG and DJI\_20230720204829\_0024\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED

2023-07-21 13:26:52,163 DEBUG: Matching DJI\_20230720205332\_0127\_T.JPG and

DJI\_20230720205220\_0102\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.018 Matches: FAILED  
2023-07-21 13:26:52,163 DEBUG: Matching DJI\_20230720205327\_0125\_T.JPG and  
DJI\_20230720205324\_0124\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.021 T-robust: 0.004 T-total: 0.025  
Matches: 37 Robust: 24 Success: True  
2023-07-21 13:26:52,171 DEBUG: Matching DJI\_20230720204921\_0041\_T.JPG and  
DJI\_20230720205058\_0076\_T.JPG. Matcher: FLANN (symmetric) T-desc: 0.022 Matches: FAILED  
2023-07-21 13:26:52,175 INFO: Matched 1483 pairs (brown-brown: 1483) in 6.2939845 seconds  
(0.004244089750505732 seconds/pair).  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm" create\_tracks  
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm"  
2023-07-21 13:26:53,907 INFO: reading features  
2023-07-21 13:26:55,618 DEBUG: Merging features onto tracks  
2023-07-21 13:26:55,673 DEBUG: Good tracks: 5659  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm" reconstruct  
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm"  
2023-07-21 13:26:57,019 INFO: Starting incremental reconstruction  
2023-07-21 13:26:57,110 INFO: Starting reconstruction with DJI\_20230720205439\_0150\_T.JPG and  
DJI\_20230720205441\_0151\_T.JPG  
2023-07-21 13:26:57,152 INFO: Two-view 5-points reconstruction inliers (transposed=False): 77 / 78  
2023-07-21 13:26:57,175 INFO: Triangulated: 77  
2023-07-21 13:26:57,207 DEBUG: Ceres Solver Report: Iterations: 15, Initial cost: 1.049126e+01, Final cost:  
6.622946e+00, Termination: CONVERGENCE  
2023-07-21 13:26:57,209 INFO: Removed outliers: 0  
2023-07-21 13:26:57,211 INFO: -----  
2023-07-21 13:26:57,218 INFO: DJI\_20230720205312\_0119\_T.JPG resection inliers: 15 / 20  
2023-07-21 13:26:57,220 INFO: Adding DJI\_20230720205312\_0119\_T.JPG to the reconstruction  
2023-07-21 13:26:57,230 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:57,252 DEBUG: Ceres Solver Report: Iterations: 27, Initial cost: 8.048971e+00, Final cost:  
5.227036e+00, Termination: CONVERGENCE  
2023-07-21 13:26:57,254 INFO: Removed outliers: 1  
2023-07-21 13:26:57,255 INFO: -----  
2023-07-21 13:26:57,261 INFO: DJI\_20230720205309\_0118\_T.JPG resection inliers: 24 / 30  
2023-07-21 13:26:57,263 INFO: Adding DJI\_20230720205309\_0118\_T.JPG to the reconstruction  
2023-07-21 13:26:57,281 INFO: Re-triangulating  
2023-07-21 13:26:57,282 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:57,309 DEBUG: Ceres Solver Report: Iterations: 15, Initial cost: 4.311647e+01, Final cost:  
1.022523e+01, Termination: CONVERGENCE  
2023-07-21 13:26:57,364 DEBUG: Ceres Solver Report: Iterations: 12, Initial cost: 2.028676e+01, Final cost:  
1.467831e+01, Termination: CONVERGENCE  
2023-07-21 13:26:57,368 INFO: Removed outliers: 3  
2023-07-21 13:26:57,369 INFO: -----  
2023-07-21 13:26:57,379 INFO: DJI\_20230720205314\_0120\_T.JPG resection inliers: 44 / 51  
2023-07-21 13:26:57,383 INFO: Adding DJI\_20230720205314\_0120\_T.JPG to the reconstruction  
2023-07-21 13:26:57,398 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:57,420 DEBUG: Ceres Solver Report: Iterations: 8, Initial cost: 2.430394e+01, Final cost:  
1.794724e+01, Termination: CONVERGENCE  
2023-07-21 13:26:57,425 INFO: Removed outliers: 0  
2023-07-21 13:26:57,427 INFO: -----  
2023-07-21 13:26:57,432 INFO: DJI\_20230720205246\_0112\_T.JPG resection inliers: 42 / 64  
2023-07-21 13:26:57,436 INFO: Adding DJI\_20230720205246\_0112\_T.JPG to the reconstruction  
2023-07-21 13:26:57,448 INFO: -----  
2023-07-21 13:26:57,466 INFO: DJI\_20230720205249\_0113\_T.JPG resection inliers: 45 / 66  
2023-07-21 13:26:57,469 INFO: Adding DJI\_20230720205249\_0113\_T.JPG to the reconstruction  
2023-07-21 13:26:57,482 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.

2023-07-21 13:26:57,518 DEBUG: Ceres Solver Report: Iterations: 11, Initial cost: 5.265740e+01, Final cost: 3.380476e+01, Termination: CONVERGENCE  
2023-07-21 13:26:57,525 INFO: Removed outliers: 1  
2023-07-21 13:26:57,527 INFO: -----  
2023-07-21 13:26:57,534 INFO: DJI\_20230720205251\_0114\_T.JPG resection inliers: 58 / 74  
2023-07-21 13:26:57,538 INFO: Adding DJI\_20230720205251\_0114\_T.JPG to the reconstruction  
2023-07-21 13:26:57,547 INFO: Re-triangulating  
2023-07-21 13:26:57,548 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:57,583 DEBUG: Ceres Solver Report: Iterations: 8, Initial cost: 4.581740e+01, Final cost: 3.984912e+01, Termination: CONVERGENCE  
2023-07-21 13:26:57,703 DEBUG: Ceres Solver Report: Iterations: 8, Initial cost: 9.140368e+01, Final cost: 5.515915e+01, Termination: CONVERGENCE  
2023-07-21 13:26:57,711 INFO: Removed outliers: 3  
2023-07-21 13:26:57,713 INFO: -----  
2023-07-21 13:26:57,720 INFO: DJI\_20230720205306\_0117\_T.JPG resection inliers: 35 / 61  
2023-07-21 13:26:57,723 INFO: Adding DJI\_20230720205306\_0117\_T.JPG to the reconstruction  
2023-07-21 13:26:57,736 INFO: -----  
2023-07-21 13:26:57,742 INFO: DJI\_20230720205444\_0152\_T.JPG resection inliers: 30 / 38  
2023-07-21 13:26:57,745 INFO: Adding DJI\_20230720205444\_0152\_T.JPG to the reconstruction  
2023-07-21 13:26:57,755 INFO: -----  
2023-07-21 13:26:57,769 INFO: DJI\_20230720205436\_0149\_T.JPG resection inliers: 27 / 36  
2023-07-21 13:26:57,776 INFO: Adding DJI\_20230720205436\_0149\_T.JPG to the reconstruction  
2023-07-21 13:26:57,788 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:58,089 DEBUG: Ceres Solver Report: Iterations: 18, Initial cost: 1.076431e+02, Final cost: 6.977414e+01, Termination: CONVERGENCE  
2023-07-21 13:26:58,106 INFO: Removed outliers: 2  
2023-07-21 13:26:58,109 INFO: -----  
2023-07-21 13:26:58,115 INFO: DJI\_20230720205317\_0121\_T.JPG resection inliers: 31 / 44  
2023-07-21 13:26:58,118 INFO: Adding DJI\_20230720205317\_0121\_T.JPG to the reconstruction  
2023-07-21 13:26:58,144 INFO: -----  
2023-07-21 13:26:58,153 INFO: DJI\_20230720205243\_0111\_T.JPG resection inliers: 28 / 51  
2023-07-21 13:26:58,157 INFO: Adding DJI\_20230720205243\_0111\_T.JPG to the reconstruction  
2023-07-21 13:26:58,177 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:58,372 DEBUG: Ceres Solver Report: Iterations: 17, Initial cost: 1.134580e+02, Final cost: 8.330136e+01, Termination: CONVERGENCE  
2023-07-21 13:26:58,384 INFO: Removed outliers: 1  
2023-07-21 13:26:58,386 INFO: -----  
2023-07-21 13:26:58,389 INFO: DJI\_20230720205241\_0110\_T.JPG resection inliers: 49 / 62  
2023-07-21 13:26:58,391 INFO: Adding DJI\_20230720205241\_0110\_T.JPG to the reconstruction  
2023-07-21 13:26:58,410 INFO: -----  
2023-07-21 13:26:58,464 INFO: DJI\_20230720205319\_0122\_T.JPG resection inliers: 36 / 66  
2023-07-21 13:26:58,470 INFO: Adding DJI\_20230720205319\_0122\_T.JPG to the reconstruction  
2023-07-21 13:26:58,511 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:58,671 DEBUG: Ceres Solver Report: Iterations: 7, Initial cost: 1.157412e+02, Final cost: 1.028151e+02, Termination: CONVERGENCE  
2023-07-21 13:26:58,687 INFO: Removed outliers: 0  
2023-07-21 13:26:58,690 INFO: -----  
2023-07-21 13:26:58,737 INFO: DJI\_20230720205238\_0109\_T.JPG resection inliers: 47 / 79  
2023-07-21 13:26:58,745 INFO: Adding DJI\_20230720205238\_0109\_T.JPG to the reconstruction  
2023-07-21 13:26:58,794 INFO: Re-triangulating  
2023-07-21 13:26:58,797 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:26:58,928 DEBUG: Ceres Solver Report: Iterations: 6, Initial cost: 1.192331e+02, Final cost: 1.103428e+02, Termination: CONVERGENCE  
2023-07-21 13:26:59,401 DEBUG: Ceres Solver Report: Iterations: 14, Initial cost: 2.412615e+02, Final cost:

1.480288e+02, Termination: CONVERGENCE

2023-07-21 13:26:59,423 INFO: Removed outliers: 6

2023-07-21 13:26:59,427 INFO: -----

2023-07-21 13:26:59,433 INFO: DJI\_20230720205433\_0148\_T.JPG resection inliers: 49 / 81

2023-07-21 13:26:59,437 INFO: Adding DJI\_20230720205433\_0148\_T.JPG to the reconstruction

2023-07-21 13:26:59,460 INFO: -----

2023-07-21 13:26:59,487 INFO: DJI\_20230720205322\_0123\_T.JPG resection inliers: 51 / 90

2023-07-21 13:26:59,494 INFO: Adding DJI\_20230720205322\_0123\_T.JPG to the reconstruction

2023-07-21 13:26:59,527 INFO: -----

2023-07-21 13:26:59,560 INFO: DJI\_20230720205236\_0108\_T.JPG resection inliers: 52 / 87

2023-07-21 13:26:59,564 INFO: Adding DJI\_20230720205236\_0108\_T.JPG to the reconstruction

2023-07-21 13:26:59,578 INFO: -----

2023-07-21 13:26:59,590 INFO: DJI\_20230720205431\_0147\_T.JPG resection inliers: 51 / 90

2023-07-21 13:26:59,594 INFO: Adding DJI\_20230720205431\_0147\_T.JPG to the reconstruction

2023-07-21 13:26:59,603 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.

2023-07-21 13:26:59,753 DEBUG: Ceres Solver Report: Iterations: 13, Initial cost: 2.203817e+02, Final cost:

1.852149e+02, Termination: CONVERGENCE

2023-07-21 13:26:59,789 INFO: Removed outliers: 1

2023-07-21 13:26:59,797 INFO: -----

2023-07-21 13:26:59,838 INFO: DJI\_20230720205428\_0146\_T.JPG resection inliers: 42 / 85

2023-07-21 13:26:59,844 INFO: Adding DJI\_20230720205428\_0146\_T.JPG to the reconstruction

2023-07-21 13:26:59,870 INFO: -----

2023-07-21 13:26:59,896 INFO: DJI\_20230720205324\_0124\_T.JPG resection inliers: 48 / 85

2023-07-21 13:26:59,903 INFO: Adding DJI\_20230720205324\_0124\_T.JPG to the reconstruction

2023-07-21 13:26:59,928 INFO: -----

2023-07-21 13:26:59,940 INFO: DJI\_20230720205126\_0084\_T.JPG resection inliers: 38 / 71

2023-07-21 13:26:59,944 INFO: Adding DJI\_20230720205126\_0084\_T.JPG to the reconstruction

2023-07-21 13:26:59,960 INFO: -----

2023-07-21 13:26:59,987 INFO: DJI\_20230720205124\_0083\_T.JPG resection inliers: 41 / 67

2023-07-21 13:26:59,993 INFO: Adding DJI\_20230720205124\_0083\_T.JPG to the reconstruction

2023-07-21 13:27:00,020 INFO: -----

2023-07-21 13:27:00,048 INFO: DJI\_20230720205129\_0085\_T.JPG resection inliers: 30 / 47

2023-07-21 13:27:00,056 INFO: Adding DJI\_20230720205129\_0085\_T.JPG to the reconstruction

2023-07-21 13:27:00,085 INFO: -----

2023-07-21 13:27:00,124 INFO: DJI\_20230720205426\_0145\_T.JPG resection inliers: 22 / 45

2023-07-21 13:27:00,128 INFO: Adding DJI\_20230720205426\_0145\_T.JPG to the reconstruction

2023-07-21 13:27:00,140 INFO: -----

2023-07-21 13:27:00,154 INFO: DJI\_20230720205233\_0107\_T.JPG resection inliers: 23 / 41

2023-07-21 13:27:00,161 INFO: Adding DJI\_20230720205233\_0107\_T.JPG to the reconstruction

2023-07-21 13:27:00,176 INFO: -----

2023-07-21 13:27:00,189 INFO: DJI\_20230720205254\_0115\_T.JPG resection inliers: 27 / 36

2023-07-21 13:27:00,194 INFO: Adding DJI\_20230720205254\_0115\_T.JPG to the reconstruction

2023-07-21 13:27:00,209 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.

2023-07-21 13:27:00,382 DEBUG: Ceres Solver Report: Iterations: 8, Initial cost: 2.804415e+02, Final cost:

2.276837e+02, Termination: CONVERGENCE

2023-07-21 13:27:00,411 INFO: Removed outliers: 4

2023-07-21 13:27:00,414 INFO: -----

2023-07-21 13:27:00,419 INFO: DJI\_20230720205303\_0116\_T.JPG resection inliers: 30 / 35

2023-07-21 13:27:00,423 INFO: Adding DJI\_20230720205303\_0116\_T.JPG to the reconstruction

2023-07-21 13:27:00,446 INFO: -----

2023-07-21 13:27:00,454 INFO: DJI\_20230720205446\_0153\_T.JPG resection inliers: 31 / 39

2023-07-21 13:27:00,457 INFO: Adding DJI\_20230720205446\_0153\_T.JPG to the reconstruction

2023-07-21 13:27:00,470 INFO: -----

2023-07-21 13:27:00,477 INFO: DJI\_20230720205513\_0160\_T.JPG resection inliers: 15 / 28

2023-07-21 13:27:00,480 INFO: Adding DJI\_20230720205513\_0160\_T.JPG to the reconstruction  
2023-07-21 13:27:00,486 INFO: -----  
2023-07-21 13:27:00,492 INFO: DJI\_20230720205121\_0082\_T.JPG resection inliers: 21 / 26  
2023-07-21 13:27:00,495 INFO: Adding DJI\_20230720205121\_0082\_T.JPG to the reconstruction  
2023-07-21 13:27:00,500 INFO: -----  
2023-07-21 13:27:00,505 INFO: DJI\_20230720205111\_0078\_T.JPG resection inliers: 17 / 24  
2023-07-21 13:27:00,508 INFO: Adding DJI\_20230720205111\_0078\_T.JPG to the reconstruction  
2023-07-21 13:27:00,522 INFO: -----  
2023-07-21 13:27:00,526 INFO: DJI\_20230720205114\_0079\_T.JPG resection inliers: 18 / 33  
2023-07-21 13:27:00,529 INFO: Adding DJI\_20230720205114\_0079\_T.JPG to the reconstruction  
2023-07-21 13:27:00,538 INFO: -----  
2023-07-21 13:27:00,549 INFO: DJI\_20230720205101\_0077\_T.JPG resection inliers: 10 / 14  
2023-07-21 13:27:00,552 INFO: Adding DJI\_20230720205101\_0077\_T.JPG to the reconstruction  
2023-07-21 13:27:00,561 INFO: -----  
2023-07-21 13:27:00,574 INFO: DJI\_20230720205132\_0086\_T.JPG resection inliers: 9 / 13  
2023-07-21 13:27:00,579 INFO: DJI\_20230720205327\_0125\_T.JPG resection inliers: 7 / 10  
2023-07-21 13:27:00,584 INFO: DJI\_20230720205509\_0159\_T.JPG resection inliers: 5 / 7  
2023-07-21 13:27:00,586 INFO: DJI\_20230720205520\_0161\_T.JPG resection inliers: 4 / 5  
2023-07-21 13:27:00,611 INFO: Some images can not be added  
2023-07-21 13:27:00,611 INFO: -----  
2023-07-21 13:27:00,612 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,177 DEBUG: Ceres Solver Report: Iterations: 40, Initial cost: 3.180821e+02, Final cost: 2.577995e+02, Termination: CONVERGENCE  
2023-07-21 13:27:01,206 INFO: Removed outliers: 3  
2023-07-21 13:27:01,235 INFO: Starting reconstruction with DJI\_20230720204834\_0026\_T.JPG and DJI\_20230720204837\_0027\_T.JPG  
2023-07-21 13:27:01,253 INFO: Two-view 5-points reconstruction inliers (transposed=False): 58 / 58  
2023-07-21 13:27:01,280 INFO: Triangulated: 58  
2023-07-21 13:27:01,320 DEBUG: Ceres Solver Report: Iterations: 26, Initial cost: 1.085824e+01, Final cost: 6.968343e+00, Termination: CONVERGENCE  
2023-07-21 13:27:01,321 INFO: Removed outliers: 0  
2023-07-21 13:27:01,322 INFO: -----  
2023-07-21 13:27:01,334 INFO: DJI\_20230720204831\_0025\_T.JPG resection inliers: 17 / 23  
2023-07-21 13:27:01,337 INFO: Adding DJI\_20230720204831\_0025\_T.JPG to the reconstruction  
2023-07-21 13:27:01,357 INFO: Re-triangulating  
2023-07-21 13:27:01,358 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,405 DEBUG: Ceres Solver Report: Iterations: 23, Initial cost: 1.149581e+01, Final cost: 5.876864e+00, Termination: CONVERGENCE  
2023-07-21 13:27:01,453 DEBUG: Ceres Solver Report: Iterations: 5, Initial cost: 9.505963e+00, Final cost: 6.768045e+00, Termination: CONVERGENCE  
2023-07-21 13:27:01,456 INFO: Removed outliers: 0  
2023-07-21 13:27:01,457 INFO: -----  
2023-07-21 13:27:01,481 INFO: DJI\_20230720204800\_0016\_T.JPG resection inliers: 27 / 40  
2023-07-21 13:27:01,485 INFO: Adding DJI\_20230720204800\_0016\_T.JPG to the reconstruction  
2023-07-21 13:27:01,493 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,523 DEBUG: Ceres Solver Report: Iterations: 27, Initial cost: 1.217309e+01, Final cost: 1.006354e+01, Termination: CONVERGENCE  
2023-07-21 13:27:01,525 INFO: Removed outliers: 0  
2023-07-21 13:27:01,526 INFO: -----  
2023-07-21 13:27:01,537 INFO: DJI\_20230720204803\_0017\_T.JPG resection inliers: 38 / 48  
2023-07-21 13:27:01,540 INFO: Adding DJI\_20230720204803\_0017\_T.JPG to the reconstruction  
2023-07-21 13:27:01,549 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,570 DEBUG: Ceres Solver Report: Iterations: 14, Initial cost: 3.238661e+01, Final cost: 1.524321e+01, Termination: CONVERGENCE

2023-07-21 13:27:01,573 INFO: Removed outliers: 0  
2023-07-21 13:27:01,574 INFO: -----  
2023-07-21 13:27:01,578 INFO: DJI\_20230720204829\_0024\_T.JPG resection inliers: 35 / 45  
2023-07-21 13:27:01,581 INFO: Adding DJI\_20230720204829\_0024\_T.JPG to the reconstruction  
2023-07-21 13:27:01,585 INFO: -----  
2023-07-21 13:27:01,591 INFO: DJI\_20230720204954\_0054\_T.JPG resection inliers: 36 / 45  
2023-07-21 13:27:01,595 INFO: Adding DJI\_20230720204954\_0054\_T.JPG to the reconstruction  
2023-07-21 13:27:01,600 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,621 DEBUG: Ceres Solver Report: Iterations: 9, Initial cost: 2.997715e+01, Final cost: 2.298914e+01, Termination: CONVERGENCE  
2023-07-21 13:27:01,626 INFO: Removed outliers: 0  
2023-07-21 13:27:01,627 INFO: -----  
2023-07-21 13:27:01,639 INFO: DJI\_20230720204951\_0053\_T.JPG resection inliers: 28 / 40  
2023-07-21 13:27:01,643 INFO: Adding DJI\_20230720204951\_0053\_T.JPG to the reconstruction  
2023-07-21 13:27:01,649 INFO: Re-triangulating  
2023-07-21 13:27:01,650 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,670 DEBUG: Ceres Solver Report: Iterations: 5, Initial cost: 3.111886e+01, Final cost: 2.807676e+01, Termination: CONVERGENCE  
2023-07-21 13:27:01,740 DEBUG: Ceres Solver Report: Iterations: 7, Initial cost: 6.568019e+01, Final cost: 4.265125e+01, Termination: CONVERGENCE  
2023-07-21 13:27:01,745 INFO: Removed outliers: 2  
2023-07-21 13:27:01,746 INFO: -----  
2023-07-21 13:27:01,750 INFO: DJI\_20230720204956\_0055\_T.JPG resection inliers: 41 / 44  
2023-07-21 13:27:01,753 INFO: Adding DJI\_20230720204956\_0055\_T.JPG to the reconstruction  
2023-07-21 13:27:01,760 INFO: -----  
2023-07-21 13:27:01,771 INFO: DJI\_20230720204758\_0015\_T.JPG resection inliers: 24 / 37  
2023-07-21 13:27:01,774 INFO: Adding DJI\_20230720204758\_0015\_T.JPG to the reconstruction  
2023-07-21 13:27:01,781 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,826 DEBUG: Ceres Solver Report: Iterations: 7, Initial cost: 5.904544e+01, Final cost: 4.880865e+01, Termination: CONVERGENCE  
2023-07-21 13:27:01,832 INFO: Removed outliers: 2  
2023-07-21 13:27:01,833 INFO: -----  
2023-07-21 13:27:01,844 INFO: DJI\_20230720204949\_0052\_T.JPG resection inliers: 9 / 12  
2023-07-21 13:27:01,864 INFO: DJI\_20230720204806\_0018\_T.JPG resection inliers: 8 / 11  
2023-07-21 13:27:01,886 INFO: Some images can not be added  
2023-07-21 13:27:01,886 INFO: -----  
2023-07-21 13:27:01,886 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:01,908 DEBUG: Ceres Solver Report: Iterations: 4, Initial cost: 4.766264e+01, Final cost: 4.734005e+01, Termination: CONVERGENCE  
2023-07-21 13:27:01,913 INFO: Removed outliers: 0  
2023-07-21 13:27:01,917 INFO: Starting reconstruction with DJI\_20230720204740\_0008\_T.JPG and DJI\_20230720204743\_0009\_T.JPG  
2023-07-21 13:27:01,923 INFO: Two-view 5-points reconstruction inliers (transposed=False): 80 / 80  
2023-07-21 13:27:01,944 INFO: Triangulated: 80  
2023-07-21 13:27:01,973 DEBUG: Ceres Solver Report: Iterations: 10, Initial cost: 1.144628e+01, Final cost: 7.638339e+00, Termination: CONVERGENCE  
2023-07-21 13:27:01,974 INFO: Removed outliers: 0  
2023-07-21 13:27:01,975 INFO: -----  
2023-07-21 13:27:01,981 INFO: DJI\_20230720204745\_0010\_T.JPG resection inliers: 15 / 24  
2023-07-21 13:27:01,985 INFO: Adding DJI\_20230720204745\_0010\_T.JPG to the reconstruction  
2023-07-21 13:27:01,993 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:02,024 DEBUG: Ceres Solver Report: Iterations: 49, Initial cost: 1.749850e+01, Final cost: 4.839402e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,026 INFO: Removed outliers: 0

2023-07-21 13:27:02,027 INFO: -----  
2023-07-21 13:27:02,041 INFO: DJI\_20230720204737\_0007\_T.JPG resection inliers: 11 / 17  
2023-07-21 13:27:02,044 INFO: Adding DJI\_20230720204737\_0007\_T.JPG to the reconstruction  
2023-07-21 13:27:02,053 INFO: Re-triangulating  
2023-07-21 13:27:02,054 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:02,072 DEBUG: Ceres Solver Report: Iterations: 14, Initial cost: 1.696448e+01, Final cost: 9.275742e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,114 DEBUG: Ceres Solver Report: Iterations: 10, Initial cost: 1.815928e+01, Final cost: 1.317771e+01, Termination: CONVERGENCE  
2023-07-21 13:27:02,117 INFO: Removed outliers: 1  
2023-07-21 13:27:02,117 INFO: -----  
2023-07-21 13:27:02,127 INFO: DJI\_20230720204852\_0033\_T.JPG resection inliers: 8 / 16  
2023-07-21 13:27:02,131 INFO: DJI\_20230720204849\_0032\_T.JPG resection inliers: 7 / 14  
2023-07-21 13:27:02,146 INFO: DJI\_20230720204735\_0006\_T.JPG resection inliers: 5 / 11  
2023-07-21 13:27:02,158 INFO: DJI\_20230720204938\_0048\_T.JPG resection inliers: 7 / 9  
2023-07-21 13:27:02,171 INFO: DJI\_20230720204748\_0011\_T.JPG resection inliers: 7 / 8  
2023-07-21 13:27:02,177 INFO: DJI\_20230720204936\_0047\_T.JPG resection inliers: 6 / 8  
2023-07-21 13:27:02,193 INFO: DJI\_20230720204847\_0031\_T.JPG resection inliers: 5 / 6  
2023-07-21 13:27:02,212 INFO: Some images can not be added  
2023-07-21 13:27:02,212 INFO: -----  
2023-07-21 13:27:02,212 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:02,229 DEBUG: Ceres Solver Report: Iterations: 12, Initial cost: 1.140749e+01, Final cost: 1.065262e+01, Termination: CONVERGENCE  
2023-07-21 13:27:02,232 INFO: Removed outliers: 1  
2023-07-21 13:27:02,234 INFO: Starting reconstruction with DJI\_20230720205207\_0097\_T.JPG and DJI\_20230720205350\_0134\_T.JPG  
2023-07-21 13:27:02,254 INFO: Two-view 5-points reconstruction inliers (transposed=False): 49 / 50  
2023-07-21 13:27:02,270 INFO: Triangulated: 49  
2023-07-21 13:27:02,313 DEBUG: Ceres Solver Report: Iterations: 44, Initial cost: 1.130768e+01, Final cost: 3.140477e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,314 INFO: Removed outliers: 0  
2023-07-21 13:27:02,315 INFO: -----  
2023-07-21 13:27:02,320 INFO: DJI\_20230720205400\_0135\_T.JPG resection inliers: 15 / 24  
2023-07-21 13:27:02,324 INFO: Adding DJI\_20230720205400\_0135\_T.JPG to the reconstruction  
2023-07-21 13:27:02,334 INFO: Re-triangulating  
2023-07-21 13:27:02,334 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:02,389 DEBUG: Ceres Solver Report: Iterations: 101, Initial cost: 1.078816e+01, Final cost: 3.798167e+00, Termination: NO\_CONVERGENCE  
2023-07-21 13:27:02,444 DEBUG: Ceres Solver Report: Iterations: 70, Initial cost: 7.638660e+00, Final cost: 4.593562e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,446 INFO: Removed outliers: 0  
2023-07-21 13:27:02,447 INFO: -----  
2023-07-21 13:27:02,452 INFO: DJI\_20230720205403\_0136\_T.JPG resection inliers: 7 / 9  
2023-07-21 13:27:02,464 INFO: DJI\_20230720205347\_0133\_T.JPG resection inliers: 6 / 7  
2023-07-21 13:27:02,478 INFO: DJI\_20230720205210\_0098\_T.JPG resection inliers: 7 / 7  
2023-07-21 13:27:02,507 INFO: Some images can not be added  
2023-07-21 13:27:02,507 INFO: -----  
2023-07-21 13:27:02,507 INFO: Shots and/or GCPs are well-conditioned. Using naive 3D-3D alignment.  
2023-07-21 13:27:02,512 DEBUG: Ceres Solver Report: Iterations: 1, Initial cost: 4.593532e+00, Final cost: 4.593532e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,514 INFO: Removed outliers: 0  
2023-07-21 13:27:02,515 INFO: Starting reconstruction with DJI\_20230720205410\_0139\_T.JPG and DJI\_20230720205413\_0140\_T.JPG  
2023-07-21 13:27:02,519 INFO: Two-view 5-points reconstruction inliers (transposed=False): 50 / 50

2023-07-21 13:27:02,538 INFO: Triangulated: 50  
2023-07-21 13:27:02,561 DEBUG: Ceres Solver Report: Iterations: 9, Initial cost: 9.720714e+00, Final cost: 6.141933e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,562 INFO: Removed outliers: 0  
2023-07-21 13:27:02,563 INFO: -----  
2023-07-21 13:27:02,594 INFO: DJI\_20230720205416\_0141\_T.JPG resection inliers: 6 / 10  
2023-07-21 13:27:02,600 INFO: DJI\_20230720205340\_0130\_T.JPG resection inliers: 5 / 7  
2023-07-21 13:27:02,619 INFO: Some images can not be added  
2023-07-21 13:27:02,619 INFO: -----  
2023-07-21 13:27:02,626 DEBUG: Ceres Solver Report: Iterations: 9, Initial cost: 9.358352e+00, Final cost: 6.141936e+00, Termination: CONVERGENCE  
2023-07-21 13:27:02,627 INFO: Removed outliers: 0  
2023-07-21 13:27:02,627 INFO: Reconstruction 0: 35 images, 2057 points  
2023-07-21 13:27:02,627 INFO: Reconstruction 1: 10 images, 395 points  
2023-07-21 13:27:02,628 INFO: Reconstruction 2: 4 images, 199 points  
2023-07-21 13:27:02,628 INFO: Reconstruction 3: 3 images, 116 points  
2023-07-21 13:27:02,628 INFO: Reconstruction 4: 2 images, 50 points  
2023-07-21 13:27:02,628 INFO: 5 partial reconstructions in total.  
[WARNING] Multiple reconstructions detected (5), this might be an indicator that some areas did not have sufficient overlap  
[INFO] Attempting merge  
[INFO] Merging reconstruction 0  
[INFO] Merging reconstruction 1  
[INFO] Merging reconstruction 2  
[INFO] Merging reconstruction 3  
[INFO] Merging reconstruction 4  
[INFO] Export reconstruction stats  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm" compute\_statistics --diagram\_max\_points 100000 "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm"  
2023-07-21 13:27:07,218 DEBUG: locator: <matplotlib.colorbar.\_ColorbarAutoLocator object at 0x00000215CE396CA0>  
2023-07-21 13:27:07,218 DEBUG: Using auto colorbar locator <matplotlib.colorbar.\_ColorbarAutoLocator object at 0x00000215CE396CA0> on colorbar  
2023-07-21 13:27:07,218 DEBUG: Setting pcolormesh  
2023-07-21 13:27:07,995 DEBUG: locator: <matplotlib.colorbar.\_ColorbarAutoLocator object at 0x00000215CE2F6430>  
2023-07-21 13:27:07,995 DEBUG: Using auto colorbar locator <matplotlib.colorbar.\_ColorbarAutoLocator object at 0x00000215CE2F6430> on colorbar  
2023-07-21 13:27:07,995 DEBUG: Setting pcolormesh  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm" export\_geocoords --reconstruction --proj "+proj=utm +zone=14 +datum=WGS84 +units=m +no\_defs +type=crs" --offset-x 528507.0 --offset-y 4073163.0 "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm"  
[INFO] Updating C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\config.yaml  
[INFO] undistorted\_image\_max\_size: 640  
[INFO] Undistorting C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm ...  
2023-07-21 13:27:13,577 DEBUG: Undistorting image DJI\_20230720205233\_0107\_T.JPG  
2023-07-21 13:27:13,577 DEBUG: Undistorting image DJI\_20230720205439\_0150\_T.JPG  
2023-07-21 13:27:13,578 DEBUG: Undistorting image DJI\_20230720205444\_0152\_T.JPG  
2023-07-21 13:27:13,578 DEBUG: Undistorting image DJI\_20230720205441\_0151\_T.JPG  
2023-07-21 13:27:13,579 DEBUG: Undistorting image DJI\_20230720205246\_0112\_T.JPG

2023-07-21 13:27:13,579 DEBUG: Undistorting image DJI\_20230720205309\_0118\_T.JPG  
2023-07-21 13:27:13,580 DEBUG: Undistorting image DJI\_20230720205312\_0119\_T.JPG  
2023-07-21 13:27:13,579 DEBUG: Undistorting image DJI\_20230720205111\_0078\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205233\_0107\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205444\_0152\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205439\_0150\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205441\_0151\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205309\_0118\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205246\_0112\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205111\_0078\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205312\_0119\_T.JPG. Using Digital Number.  
2023-07-21 13:27:13,703 DEBUG: Undistorting image DJI\_20230720205314\_0120\_T.JPG  
2023-07-21 13:27:13,847 DEBUG: Undistorting image DJI\_20230720204800\_0016\_T.JPG  
2023-07-21 13:27:13,947 DEBUG: Undistorting image DJI\_20230720205513\_0160\_T.JPG  
2023-07-21 13:27:13,948 DEBUG: Undistorting image DJI\_20230720205324\_0124\_T.JPG  
2023-07-21 13:27:13,949 DEBUG: Undistorting image DJI\_20230720205249\_0113\_T.JPG  
2023-07-21 13:27:13,950 DEBUG: Undistorting image DJI\_20230720204829\_0024\_T.JPG  
2023-07-21 13:27:13,993 DEBUG: Undistorting image DJI\_20230720205251\_0114\_T.JPG  
2023-07-21 13:27:14,040 DEBUG: Undistorting image DJI\_20230720205306\_0117\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205314\_0120\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205249\_0113\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204800\_0016\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205324\_0124\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205513\_0160\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205251\_0114\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204829\_0024\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205306\_0117\_T.JPG. Using Digital Number.  
2023-07-21 13:27:14,155 DEBUG: Undistorting image DJI\_20230720205428\_0146\_T.JPG  
2023-07-21 13:27:14,279 DEBUG: Undistorting image DJI\_20230720205436\_0149\_T.JPG  
2023-07-21 13:27:14,281 DEBUG: Undistorting image DJI\_20230720205241\_0110\_T.JPG  
2023-07-21 13:27:14,283 DEBUG: Undistorting image DJI\_20230720205317\_0121\_T.JPG  
2023-07-21 13:27:14,371 DEBUG: Undistorting image DJI\_20230720205243\_0111\_T.JPG  
2023-07-21 13:27:14,372 DEBUG: Undistorting image DJI\_20230720205124\_0083\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205436\_0149\_T.JPG. Using Digital Number.  
2023-07-21 13:27:14,415 DEBUG: Undistorting image DJI\_20230720205431\_0147\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205241\_0110\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205317\_0121\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205428\_0146\_T.JPG. Using Digital Number.

2023-07-21 13:27:14,463 DEBUG: Undistorting image DJI\_20230720205319\_0122\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205124\_0083\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205243\_0111\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205431\_0147\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205319\_0122\_T.JPG. Using Digital Number.

2023-07-21 13:27:14,525 DEBUG: Undistorting image DJI\_20230720205238\_0109\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205238\_0109\_T.JPG. Using Digital Number.

2023-07-21 13:27:14,713 DEBUG: Undistorting image DJI\_20230720205433\_0148\_T.JPG

2023-07-21 13:27:14,714 DEBUG: Undistorting image DJI\_20230720205322\_0123\_T.JPG

2023-07-21 13:27:14,760 DEBUG: Undistorting image DJI\_20230720205236\_0108\_T.JPG

2023-07-21 13:27:14,803 DEBUG: Undistorting image DJI\_20230720205126\_0084\_T.JPG

2023-07-21 13:27:14,804 DEBUG: Undistorting image DJI\_20230720204758\_0015\_T.JPG

2023-07-21 13:27:14,846 DEBUG: Undistorting image DJI\_20230720205129\_0085\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205322\_0123\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205433\_0148\_T.JPG. Using Digital Number.

2023-07-21 13:27:14,902 DEBUG: Undistorting image DJI\_20230720205350\_0134\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205236\_0108\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205126\_0084\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204758\_0015\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205129\_0085\_T.JPG. Using Digital Number.

2023-07-21 13:27:14,950 DEBUG: Undistorting image DJI\_20230720205426\_0145\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205350\_0134\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205426\_0145\_T.JPG. Using Digital Number.

2023-07-21 13:27:15,010 DEBUG: Undistorting image DJI\_20230720205254\_0115\_T.JPG

2023-07-21 13:27:15,054 DEBUG: Undistorting image DJI\_20230720204740\_0008\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205254\_0115\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204740\_0008\_T.JPG. Using Digital Number.

2023-07-21 13:27:15,119 DEBUG: Undistorting image DJI\_20230720204803\_0017\_T.JPG

2023-07-21 13:27:15,244 DEBUG: Undistorting image DJI\_20230720205303\_0116\_T.JPG

2023-07-21 13:27:15,290 DEBUG: Undistorting image DJI\_20230720205446\_0153\_T.JPG

2023-07-21 13:27:15,292 DEBUG: Undistorting image DJI\_20230720205121\_0082\_T.JPG

2023-07-21 13:27:15,294 DEBUG: Undistorting image DJI\_20230720205114\_0079\_T.JPG

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205446\_0153\_T.JPG. Using Digital Number.

[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF

tags found in DJI\_20230720205303\_0116\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204803\_0017\_T.JPG. Using Digital Number.  
2023-07-21 13:27:15,359 DEBUG: Undistorting image DJI\_20230720204831\_0025\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205121\_0082\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205114\_0079\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204831\_0025\_T.JPG. Using Digital Number.  
2023-07-21 13:27:15,470 DEBUG: Undistorting image DJI\_20230720205101\_0077\_T.JPG  
2023-07-21 13:27:15,472 DEBUG: Undistorting image DJI\_20230720204834\_0026\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205101\_0077\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204834\_0026\_T.JPG. Using Digital Number.  
2023-07-21 13:27:15,618 DEBUG: Undistorting image DJI\_20230720204837\_0027\_T.JPG  
2023-07-21 13:27:15,619 DEBUG: Undistorting image DJI\_20230720204954\_0054\_T.JPG  
2023-07-21 13:27:15,620 DEBUG: Undistorting image DJI\_20230720204745\_0010\_T.JPG  
2023-07-21 13:27:15,707 DEBUG: Undistorting image DJI\_20230720204951\_0053\_T.JPG  
2023-07-21 13:27:15,711 DEBUG: Undistorting image DJI\_20230720204956\_0055\_T.JPG  
2023-07-21 13:27:15,762 DEBUG: Undistorting image DJI\_20230720204743\_0009\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204837\_0027\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204951\_0053\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204745\_0010\_T.JPG. Using Digital Number.  
2023-07-21 13:27:15,817 DEBUG: Undistorting image DJI\_20230720204737\_0007\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204956\_0055\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204954\_0054\_T.JPG. Using Digital Number.  
2023-07-21 13:27:15,867 DEBUG: Undistorting image DJI\_20230720205207\_0097\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204743\_0009\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720204737\_0007\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205207\_0097\_T.JPG. Using Digital Number.  
2023-07-21 13:27:15,939 DEBUG: Undistorting image DJI\_20230720205400\_0135\_T.JPG  
2023-07-21 13:27:16,051 DEBUG: Undistorting image DJI\_20230720205410\_0139\_T.JPG  
2023-07-21 13:27:16,053 DEBUG: Undistorting image DJI\_20230720205413\_0140\_T.JPG  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205400\_0135\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205413\_0140\_T.JPG. Using Digital Number.  
[WARNING] Cannot perform radiometric calibration, no FNumber/Exposure Time or Radiometric Calibration EXIF tags found in DJI\_20230720205410\_0139\_T.JPG. Using Digital Number.  
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm" export\_visualsfm --points "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm"  
[INFO] Finished opensfm stage  
[INFO] Running openmvs stage

```
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\opensfm\bin\opensfm"
export_openmvs "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm"
[INFO] Depthmap resolution set to: 320px
[INFO] Running dense reconstruction. This might take a while.
[INFO] Estimating depthmaps
[INFO] CUDA drivers detected
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\OpenMVS\DensifyPointCloud"
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\scene.mvs" --resolution-level 1 --dense-config-file
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\Densify.ini" --max-resolution 640 --max-threads 8 --number-views-fuse 2
--sub-resolution-levels 2 -w "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\depthmaps" -v 0 --cuda-device -1
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\OpenMVS\DensifyPointCloud" --
filter-point-cloud -20 -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\scene_dense.mvs" -v 0 --cuda-device -1
[INFO] Finished openmvs stage
[INFO] Running odm_filterpoints stage
[INFO] Filtering C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\scene_dense_dense_filtered.ply (statistical, meanK 16, standard deviation
2.5)
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\FPCFilter" --input
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\scene_dense_dense_filtered.ply" --output
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_filterpoints\point_cloud.ply" --concurrency 8 --meank 16 --std 2.5 --stats
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_filterpoints\point_cloud_stats.json"
*** FPCFilter - v0.2 ***
```

?> Parameters:

```
input = C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\opensfm\undistorted\openmvs\scene_dense_dense_filtered.ply
output = C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_filterpoints\point_cloud.ply
stats = C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_filterpoints\point_cloud_stats.json
std = 2.5
meanK = 16
boundary = auto
concurrency = 8
verbose = no
```

-> Setting num\_threads to 8

?> Skipping crop

?> Skipping sampling

-> Statistical filtering

-> Spacing estimation completed (0.02 meters)

?> Done in 0.9491s

-> Writing output

?> Done in 0.3562s

?> Pipeline done in 1.305s

[INFO] Finished odm\_filterpoints stage

[INFO] Running odm\_meshing stage

[INFO] Writing ODM Mesh file in: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_mesh.ply

[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\PoissonRecon" --in "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_filterpoints\point\_cloud.ply" --out "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_mesh.dirty.ply" --depth 11 --pointWeight 4.0 --samplesPerNode 1.0 --threads 7 --bType 2 --linearFit

[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\OpenMVS\ReconstructMesh" -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_mesh.dirty.ply" -o "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_mesh.ply" --remove-spikes 0 --remove-spurious 20 --smooth 0 --target-face-num 400000 -v 0

[INFO] Writing ODM 2.5D Mesh file in: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.ply

[INFO] ODM 2.5D DSM resolution: 0.02

[INFO] Created temporary directory: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp

[INFO] Creating DSM for 2.5D mesh

[INFO] running pdal info "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_filterpoints\point\_cloud.ply" > "C:\Users\ke5it\AppData\Local\Temp\tmp442a5vqd.json"

[INFO] Point cloud bounds are [minx: -61.0794754, maxx: 35.02176666] [miny: -45.86974716, maxy: 56.2596817]

[INFO] DEM resolution is (5107, 4806), max tile size is 4096, will split DEM generation into 1 tiles

[INFO] Generating C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\mesh\_dsm\_r0.06283185307179588\_x0\_y0.tif (max, radius: 0.06283185307179588, resolution: 0.02)

[INFO] Generating C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\mesh\_dsm\_r0.04442882938158367\_x0\_y0.tif (max, radius: 0.04442882938158367, resolution: 0.02)

[INFO] Generating C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\mesh\_dsm\_r0.031415926535897934\_x0\_y0.tif (max, radius: 0.031415926535897934, resolution: 0.02)

[INFO] running pdal pipeline -i "C:\Users\ke5it\AppData\Local\Temp\tmpuzl3\_8f4.json"

[INFO] running pdal pipeline -i "C:\Users\ke5it\AppData\Local\Temp\tmpqglk6hn8.json"

[INFO] running pdal pipeline -i "C:\Users\ke5it\AppData\Local\Temp\tmpsvvgmpyn.json"

[INFO] running gdalbuildvrt -input\_file\_list "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\tiles\_list.txt" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\tiles.vrt"

0...10...20...30...40...50...60...70...80...90...100 - done.

[INFO] running gdal\_translate -co NUM\_THREADS=8 -co BIGTIFF=IF\_SAFER --config GDAL\_CACHEMAX 30.35% "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\tiles.vrt" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\tmp\tiles.tmp.tif"

Input file size is 4806, 5107

0...10...20...30...40...50...60...70...80...90...100 - done.

```
[INFO] running gdal_translate -co NUM_THREADS=8 -co BIGTIFF=IF_SAFER --config GDAL_CACHEMAX 30.35% -outsize 10% 0 "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\tiles.tmp.tif" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\tiles.small.tif"
```

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90

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Input file size is 4806, 5107

0...10...20...30...40...50...60...70...80...90...100 - done.

```
[INFO] running gdalbuildvrt -resolution highest -r bilinear
```

```
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
```

```
5663d19ec8e7\odm_meshing\tmp\merged.vrt" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\tiles.small_filled.tif"
```

```
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
```

```
5663d19ec8e7\odm_meshing\tmp\tiles.tmp.tif"
```

0...10...20...30...40...50...60...70...80...90...100 - done.

```
[INFO] running gdal_translate -co NUM_THREADS=8 -co TILED=YES -co BIGTIFF=IF_SAFER -co
```

```
COMPRESS=DEFLATE --config GDAL_CACHEMAX 30.35%
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\merged.vrt" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\tiles.tif"
Input file size is 4806, 5107
0...10...20...30...40...50...60...70...80...90...100 - done.
[INFO] Starting smoothing...
[INFO] Smoothing iteration 1
[INFO] Smoothing completed in 0:00:02.447502
[INFO] Completed smoothing to create C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\mesh_dsm.tif in 0:00:03.284868
[INFO] Completed mesh_dsm.tif in 0:00:10.959533
[INFO] Creating mesh from DSM: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\mesh_dsm.tif
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\dem2mesh" -inputFile
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\mesh_dsm.tif" -outputFile
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\odm_25dmesh.dirty.ply" -maxTileLength 2000 -maxVertexCount 200000 -
maxConcurrency 8 -edgeSwapThreshold 0.15 -verbose
Running with parameters:
-inputFile C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\tmp\mesh_dsm.tif
-outputFile C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_meshing\odm_25dmesh.dirty.ply
-maxVertexCount 200000
-maxTileLength 2000
-maxConcurrency 8
-edgeSwapThreshold 0.150000
-verbose
Raster Size is 4806x5107
Extent is (-61.079475, 35.040525), (-45.869747, 56.270253)
NoData value: -9999
Description:
Reading raster...
Total vertices before simplification: 24544242
Blocks depth: 2
Splitting area in 16
Block size is 1201, 1276
Concurrency set to 8
Allocating 8 raster data blocks of 4808 bytes
Processing block (0,0)
Processing block (3,0)
Processing block (2,0)
Processing block (1,0)
Sampled 833458 faces, target is 37500
Simplifying...
Sampled 727462 faces, target is 37500
Simplifying...
Sampled 3062550 faces, target is 37500
Simplifying...
Sampled 3062550 faces, target is 37500
Simplifying...
iteration 0 - triangles 727462 threshold 2.43e-07
```

iteration 0 - triangles 833458 threshold 2.43e-07  
iteration 5 - triangles 123990 threshold 3.2768e-05  
iteration 5 - triangles 146404 threshold 3.2768e-05  
Writing to binary file... done!  
Processing block (0,1)  
iteration 0 - triangles 3062550 threshold 2.43e-07  
iteration 0 - triangles 3062550 threshold 2.43e-07  
iteration 10 - triangles 45805 threshold 0.000371293  
Writing to binary file... done!  
Processing block (1,1)  
Sampled 2906652 faces, target is 37500  
Simplifying...  
Sampled 1364296 faces, target is 37500  
Simplifying...  
iteration 0 - triangles 1364296 threshold 2.43e-07  
iteration 0 - triangles 2906652 threshold 2.43e-07  
iteration 5 - triangles 197627 threshold 3.2768e-05  
Writing to binary file... done!  
Processing block (1,2)  
Sampled 1254166 faces, target is 37500  
Simplifying...  
iteration 5 - triangles 1007184 threshold 3.2768e-05  
iteration 5 - triangles 731302 threshold 3.2768e-05  
iteration 0 - triangles 1254166 threshold 2.43e-07  
iteration 10 - triangles 439834 threshold 0.000371293  
iteration 10 - triangles 280538 threshold 0.000371293  
iteration 15 - triangles 243332 threshold 0.00188957  
iteration 15 - triangles 157026 threshold 0.00188957  
iteration 20 - triangles 103352 threshold 0.00643634  
iteration 20 - triangles 153980 threshold 0.00643634  
iteration 25 - triangles 74396 threshold 0.0172104  
iteration 25 - triangles 106642 threshold 0.0172104  
iteration 5 - triangles 600386 threshold 3.2768e-05  
iteration 30 - triangles 56836 threshold 0.0391354  
iteration 35 - triangles 45550 threshold 0.0792352  
iteration 30 - triangles 78900 threshold 0.0391354  
iteration 40 - triangles 37962 threshold 0.147008  
iteration 5 - triangles 187638 threshold 3.2768e-05  
iteration 35 - triangles 61266 threshold 0.0792352  
Writing to binary file... done!  
Processing block (2,1)  
iteration 40 - triangles 49318 threshold 0.147008  
iteration 45 - triangles 40928 threshold 0.254804  
Sampled 3064952 faces, target is 37500  
Simplifying...  
Writing to binary file... done!  
Processing block (3,1)  
Writing to binary file... done!  
Processing block (1,3)  
Sampled 3064952 faces, target is 37500  
Simplifying...  
iteration 10 - triangles 242110 threshold 0.000371293  
Sampled 3064952 faces, target is 37500  
Simplifying...

iteration 15 - triangles 151300 threshold 0.00188957  
iteration 20 - triangles 106471 threshold 0.00643634  
iteration 25 - triangles 80075 threshold 0.0172104  
iteration 30 - triangles 63218 threshold 0.0391354  
iteration 35 - triangles 51732 threshold 0.0792352  
iteration 0 - triangles 3064952 threshold 2.43e-07  
iteration 40 - triangles 43321 threshold 0.147008  
Writing to binary file... done!  
Processing block (0,2)  
iteration 0 - triangles 3064952 threshold 2.43e-07  
Sampled 1781466 faces, target is 37500  
Simplifying...  
iteration 0 - triangles 3064952 threshold 2.43e-07  
iteration 0 - triangles 1781466 threshold 2.43e-07  
iteration 5 - triangles 1318618 threshold 3.2768e-05  
iteration 5 - triangles 284605 threshold 3.2768e-05  
iteration 5 - triangles 862772 threshold 3.2768e-05  
iteration 10 - triangles 78767 threshold 0.000371293  
iteration 15 - triangles 44722 threshold 0.00188957  
Writing to binary file... done!  
Processing block (0,3)  
Sampled 3048819 faces, target is 37500  
Simplifying...  
iteration 5 - triangles 750190 threshold 3.2768e-05  
iteration 10 - triangles 632376 threshold 0.000371293  
iteration 10 - triangles 352088 threshold 0.000371293  
iteration 15 - triangles 193840 threshold 0.00188957  
iteration 15 - triangles 353792 threshold 0.00188957  
iteration 20 - triangles 123568 threshold 0.00643634  
iteration 10 - triangles 284200 threshold 0.000371293  
iteration 25 - triangles 86386 threshold 0.0172104  
iteration 30 - triangles 64352 threshold 0.0391354  
iteration 20 - triangles 222400 threshold 0.00643634  
iteration 35 - triangles 50286 threshold 0.0792352  
iteration 15 - triangles 156874 threshold 0.00188957  
iteration 0 - triangles 3048819 threshold 2.43e-07  
iteration 40 - triangles 40892 threshold 0.147008  
iteration 25 - triangles 152288 threshold 0.0172104  
Writing to binary file... done!  
Processing block (2,2)  
iteration 20 - triangles 101874 threshold 0.00643634  
Sampled 1654178 faces, target is 37500  
Simplifying...  
iteration 30 - triangles 111298 threshold 0.0391354  
iteration 25 - triangles 72268 threshold 0.0172104  
iteration 35 - triangles 85076 threshold 0.0792352  
iteration 30 - triangles 54890 threshold 0.0391354  
iteration 35 - triangles 43678 threshold 0.0792352  
iteration 40 - triangles 67642 threshold 0.147008  
Writing to binary file... done!  
iteration 45 - triangles 55544 threshold 0.254804  
iteration 50 - triangles 46504 threshold 0.418195  
iteration 55 - triangles 39840 threshold 0.656357  
Writing to binary file... done!

Processing block (3,2)  
iteration 0 - triangles 1654178 threshold 2.43e-07  
Sampled 1943212 faces, target is 37500  
Simplifying...  
iteration 0 - triangles 1943212 threshold 2.43e-07  
iteration 5 - triangles 256234 threshold 3.2768e-05  
iteration 10 - triangles 52694 threshold 0.000371293  
Writing to binary file... done!  
Processing block (2,3)  
Sampled 1908824 faces, target is 37500  
Simplifying...  
iteration 5 - triangles 568445 threshold 3.2768e-05  
iteration 5 - triangles 287040 threshold 3.2768e-05  
iteration 0 - triangles 1908824 threshold 2.43e-07  
iteration 10 - triangles 171210 threshold 0.000371293  
iteration 15 - triangles 89820 threshold 0.00188957  
iteration 20 - triangles 59190 threshold 0.00643634  
iteration 10 - triangles 52371 threshold 0.000371293  
iteration 25 - triangles 42840 threshold 0.0172104  
Writing to binary file... done!  
Processing block (3,3)  
Writing to binary file... done!  
Sampled 0 faces, target is 0  
Simplifying...  
No simplification needed  
Writing to binary file... done!  
iteration 5 - triangles 274009 threshold 3.2768e-05  
iteration 10 - triangles 40046 threshold 0.000371293  
Writing to binary file... done!  
Merge step...  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.0-0.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.0-1.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.0-2.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.0-3.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.1-0.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.1-1.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.1-2.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.1-3.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.2-0.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.2-1.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.2-2.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.2-3.bin

Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.3-0.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.3-1.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.3-2.bin  
Reading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply.3-3.bin

Simplifying final mesh...

iteration 0 - triangles 562377 threshold 2.43e-07

iteration 5 - triangles 402422 threshold 3.2768e-05

Performing edge collapses...

Writing to file... done!

[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\OpenMVS\ReconstructMesh" -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.dirty.ply" -o "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.ply" --remove-spikes 0 --remove-spurious 0 --smooth 0 --target-face-num 400000 -v 0

[INFO] Finished odm\_meshing stage

[INFO] Running mvs\_texturing stage

[INFO] Writing MVS Textured file in: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.obj

[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\texrecon"

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\undistorted\reconstruction.nvm" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_mesh.ply"

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo" -d gmi -o gauss\_clamping -t none --no\_intermediate\_results --max\_texture\_size=8192

C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\texrecon (built on May 26 2023, 23:42:01)

Load and prepare mesh:

Reading PLY: 181959 verts... 363966 faces... done.

Generating texture views:

NVM: Loading file...

NVM: Number of views: 54

NVM: Number of features: 2817

Loading 0%...

Loading 0%...

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Loading 80%...

Loading 81%...

Loading 87%...

Loading 89%...

Loading 100%... done. (Took 0.292s)

Building adjacency graph:

Adding edges 0%...

Adding edges 1%...

Adding edges 2%...

Adding edges 3%...

Adding edges 4%...

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Adding edges 95%...

Adding edges 96%...

Adding edges 97%...

Adding edges 98%...

Adding edges 99%...

Adding edges 100%...

Adding edges 100%... done. (Took 1.01s)

545945 total edges.

View selection:

Building BVH from 363966 faces... done. (Took: 354 ms)

Calculating face qualities 0%...

Calculating face qualities 0%...

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Calculating face qualities 100%... done. (Took 2.954s)

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Postprocessing face infos 85%...  
Postprocessing face infos 85%...  
Postprocessing face infos 85%...  
Postprocessing face infos 85%...  
Postprocessing face infos 85%...  
Postprocessing face infos 85%...  
Postprocessing face infos 87%...  
Postprocessing face infos 89%...



Postprocessing face infos 100%...

Postprocessing face infos 100%... done. (Took 0.153s)

Maximum quality of a face within an image: 59.7532

Clamping qualities to 8.75472 within normalization.

Optimizing:

Time[s] Energy

1 371035

2 366809

3 359304

4 355322

5 353607

5 352583

6 351930

8 351539

9 351125

10 350816

11 350648

11 350514

12 350407

13 350313

14 350217

60459 faces have not been seen

Took: 18.816s

Generating texture patches:

Running... done. (Took 0.868s)

3847 texture patches.

Running global seam leveling:

Create matrices for optimization... done.

Lhs dimensionality: 188029 x 188029

Calculating adjustments:

Color channel 2: CG took 106 iterations. Residual is 9.1958e-05

Color channel 1: CG took 106 iterations. Residual is 9.1958e-05

Color channel 0: CG took 106 iterations. Residual is 9.1958e-05

Took 0.358 seconds

Adjusting texture patches 0%...

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Adjusting texture patches 0%...

Adjusting texture patches 1%...

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Adjusting texture patches 94%...

Adjusting texture patches 95%...

Adjusting texture patches 96%...

Adjusting texture patches 97%...

Adjusting texture patches 99%...

Adjusting texture patches 100%... done. (Took 0.206s)

Running local seam leveling:

Blending texture patches 0%...

Blending texture patches 0%...

Blending texture patches 0%...

Blending texture patches 0%...

Blending texture patches 0%...

Blending texture patches 0%...

Blending texture patches 0%...

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Blending texture patches 94%...

Blending texture patches 95%...

Blending texture patches 96%...

Blending texture patches 96%...

Blending texture patches 99%...

Blending texture patches 100%...

Blending texture patches 100%... done. (Took 2.373s)

Generating texture atlases:

Sorting texture patches... done.

Working on atlas 1 0%...

Working on atlas 1 0%...

Working on atlas 1 1%...

Working on atlas 1 2%...

Working on atlas 2 3%...

Working on atlas 2 4%...

Working on atlas 2 5%...

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Working on atlas 12 97%...  
Working on atlas 12 98%...  
Working on atlas 12 99%...  
Working on atlas 12 100%... done.  
Finalizing texture atlases... done. (Took: 0s)  
Building objmodel:  
Saving model... done.  
Whole texturing procedure took: 30.738s  
[INFO] Generating glTF Binary  
[INFO] Converting C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.obj -->  
C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.glb  
[INFO] Loading C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.obj  
[INFO] Loading odm\_textured\_model\_geo\_material0000\_map\_Kd.tif  
2023-07-21 13:29:15,410 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0000\_map\_Kd.tif: RowsPerStrip not defined ...

assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0001\_map\_Kd.tif  
2023-07-21 13:29:15,516 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0001\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0002\_map\_Kd.tif  
2023-07-21 13:29:15,547 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0002\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0003\_map\_Kd.tif  
2023-07-21 13:29:15,557 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0003\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0004\_map\_Kd.tif  
2023-07-21 13:29:15,567 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0004\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0005\_map\_Kd.tif  
2023-07-21 13:29:15,577 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0005\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0006\_map\_Kd.tif  
2023-07-21 13:29:15,590 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0006\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0007\_map\_Kd.tif  
2023-07-21 13:29:15,596 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0007\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0008\_map\_Kd.tif  
2023-07-21 13:29:15,603 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0008\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0009\_map\_Kd.tif  
2023-07-21 13:29:15,609 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0009\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0010\_map\_Kd.tif  
2023-07-21 13:29:15,614 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0010\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

[INFO] Loading odm\_textured\_model\_geo\_material0011\_map\_Kd.tif  
2023-07-21 13:29:15,618 WARNING: CPLE\_AppDefined in  
C:/WebODM/resources/app/apps/NodeODM/data/7df7b102-c561-43c8-b7e7-

5663d19ec8e7/odm\_texturing/odm\_textured\_model\_geo\_material0011\_map\_Kd.tif: RowsPerStrip not defined ...  
assuming all one strip.

2023-07-21 13:29:18,260 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,311 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,321 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,328 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,335 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,341 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,345 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,348 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,351 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,353 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,358 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

2023-07-21 13:29:18,360 WARNING: CPLE\_NotSupported in driver JPEG does not support creation option  
JPEG\_QUALITY

[INFO] Writing...

[INFO] Wrote C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-  
5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.glb

[INFO] Compressing with draco

[INFO] running draco\_transcoder -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-  
5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.glb" -o

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo\_compressed.glb" -qt 16 -qp 16

Transcode C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

5663d19ec8e7\odm\_texturing\odm\_textured\_model\_geo.glb 1140

[INFO] Writing MVS Textured file in: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-  
5663d19ec8e7\odm\_texturing\_25d\odm\_textured\_model\_geo.obj

[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\texrecon"

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

5663d19ec8e7\opensfm\undistorted/reconstruction.nvm" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-  
c561-43c8-b7e7-5663d19ec8e7\odm\_meshing\odm\_25dmesh.ply"

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

5663d19ec8e7\odm\_texturing\_25d\odm\_textured\_model\_geo" -d gmi -o gauss\_clamping -t none --

no\_intermediate\_results --nadir\_mode --max\_texture\_size=8192

C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\texrecon (built on May 26 2023, 23:42:01)

Load and prepare mesh:

Reading PLY: 197600 verts... 393077 faces... done.

Generating texture views:

NVM: Loading file...

NVM: Number of views: 54

NVM: Number of features: 2817

Loading 0%...

Loading 0%...

Loading 0%...

Loading 0%...

Loading 0%...

Loading 0%...

Loading 0%...

Loading 0%...

Loading 2%...

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Loading 6%...

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Loading 74%...

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Loading 85%...

Loading 87%...

Loading 89%...

Loading 100%... done. (Took 0.295s)

Building adjacency graph:

Adding edges 0%...

Adding edges 1%...

Adding edges 2%...

Adding edges 3%...

Adding edges 4%...

Adding edges 5%...

Adding edges 6%...

Adding edges 7%...

Adding edges 8%...

Adding edges 9%...

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Adding edges 96%...

Adding edges 97%...

Adding edges 98%...

Adding edges 99%...

Adding edges 100%...

Adding edges 100%... done. (Took 1.138s)

588556 total edges.

View selection:

Building BVH from 393077 faces... done. (Took: 383 ms)

Calculating face qualities 0%...

Calculating face qualities 0%...

Calculating face qualities 0%...

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Calculating face qualities 9%...

Calculating face qualities 11%...

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Postprocessing face infos 100%... done. (Took 0.139s)

Maximum quality of a face within an image: 9999.69

Clamping qualities to 9841.68 within normalization.

Optimizing:

Time[s] Energy

2 237559

10 237382

12 235634

14 234700

16 234285

18 234072

20 233939

24 233875

27 233829

29 233788

31 233761

33 233737

35 233722

168004 faces have not been seen

Took: 38.907s

Generating texture patches:

Running... done. (Took 0.695s)

887 texture patches.

Running global seam leveling:

Create matrices for optimization... done.

Lhs dimensionality: 120125 x 120125

Calculating adjustments:

Color channel 1: CG took 70 iterations. Residual is 9.37402e-05

Color channel 0: CG took 70 iterations. Residual is 9.37402e-05

Color channel 2: CG took 70 iterations. Residual is 9.37402e-05

Took 0.149 seconds

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Adjusting texture patches 100%... done. (Took 0.114s)

Running local seam leveling:

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Blending texture patches 100%... done. (Took 1.45s)

Generating texture atlases:

Sorting texture patches... done.

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Working on atlas 1 100%... done.

Finalizing texture atlases... done. (Took: 0s)

Building objmodel:

Saving model... done.

Whole texturing procedure took: 52.532s

[INFO] Finished mvs\_texturing stage

[INFO] Running odm\_georeferencing stage

[INFO] Georeferencing point cloud

[INFO] running pdal translate -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_filterpoints\point\_cloud.ply" -o "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_georeferencing\odm\_georeferenced\_model.laz" ferry transformation --filters.ferry.dimensions="views => UserData" --filters.transformation.matrix="1 0 0 528507.0 0 1 0 4073163.0 0 0 1 0 0 0 1" --writers.las.offset\_x=528507.0 --writers.las.offset\_y=4073163.0 --writers.las.scale\_x=0.001 --writers.las.scale\_y=0.001 --writers.las.scale\_z=0.001 --writers.las.offset\_z=0 --writers.las.a\_srs="+proj=utm +zone=14 +datum=WGS84 +units=m +no\_defs +type=crs"

[INFO] Calculating cropping area and generating bounds shapefile from point cloud

[INFO] running pdal translate -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm\_georeferencing\odm\_georeferenced\_model.laz" -o

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

5663d19ec8e7\odm\_georeferencing\odm\_georeferenced\_model.decimated.laz" decimation --filters.decimation.step=40

[INFO] running pdal info --boundary --filters.hexbin.edge\_size=1 --filters.hexbin.threshold=0

```

"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.decimated.las" >
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.boundary.json"
[INFO] running pdal info --summary "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz" >
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.summary.json"
[INFO] running ogr2ogr -overwrite -f GPKG -a_srs "+proj=utm +zone=14 +datum=WGS84 +units=m +no_defs"
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.bounds.gpkg"
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.bounds.geojson"
[INFO] Creating Entwine Point Tile output
[WARNING] Removing previous EPT directory: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\entwine_pointcloud
[INFO] running entwine build --threads 8 --tmp "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\entwine_pointcloud-tmp" -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz" -o
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\entwine_pointcloud"
1/1: C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz
Dimensions: [
X:int32, Y:int32, Z:int32, Intensity:uint16, ReturnNumber:uint8,
NumberOfReturns:uint8, ScanDirectionFlag:uint8, EdgeOfFlightLine:uint8,
Classification:uint8, ScanAngleRank:float32, UserData:uint8,
PointSourceId:uint16, GpsTime:float64, Red:uint16, Green:uint16, Blue:uint16
]
Points: 704,789
Bounds: [(528445, 4073117, 407), (528543, 4073220, 444)]
Scale: 0.001
SRS: EPSG:32614

Adding 0 - C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz
Joining
Done 0
Saving
Wrote 704,789 points.
[INFO] Finished odm_georeferencing stage
[INFO] Running odm_dem stage
[INFO] Classify: False
[INFO] Create DSM: False
[INFO] Create DTM: False
[INFO] DEM input file C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz found: True
[WARNING] DEM will not be generated
[INFO] Finished odm_dem stage
[INFO] Running odm_orthophoto stage
[INFO] Creating GeoTIFF
[INFO] running "C:\WebODM\resources\app\apps\ODM\SuperBuild\install\bin\odm_orthophoto" -inputFiles
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_texturing_25\odm_textured_model_geo.obj" -logFile
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-

```

```
5663d19ec8e7\odm_orthophoto\odm_orthophoto_log.txt" -outputFile
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_orthophoto\odm_orthophoto.tif" -resolution 20.0 -verbose -outputCornerFile
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_orthophoto\odm_orthophoto_corners.txt" -inpaintThreshold 1.0 -utm_north_offset 4073163.0 -
utm_east_offset 528507.0 -a_srs "+proj=utm +zone=14 +datum=WGS84 +units=m +no_defs +type=crs" -co
TILED=YES -co COMPRESS=DEFLATE -co PREDICTOR=2 -co BIGTIFF=IF_SAFER -co BLOCKXSIZE=512 -co
BLOCKYSIZE=512 -co NUM_THREADS=8 --config GDAL_CACHEMAX 10558224384.0
Inpaint threshold was set to: 1
```

```
Reading mesh file... C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_texturing_25d\odm_textured_model_geo.obj
Found material0000
Loading odm_textured_model_geo_material0000_map_Kd.tif
Mesh file read.
```

Boundary points:

```
Point 1: -61.0795 -45.7897
Point 2: -61.0795 56.2703
Point 3: 34.9805 56.2703
Point 4: 34.9805 -45.7897
```

```
Model bounds x : -61.0795 -> 34.9805
Model bounds y : -45.7897 -> 56.2703
Model area : 9803.88m2
Model resolution, width x height : 1922x2042
Translating and scaling mesh...
Rendering the ortho photo...
Texture channels: 3
Texture depth: 32bit (float)
Rendering material0000 ... done
... model rendered
```

```
Writing ortho photo to C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_orthophoto\odm_orthophoto.tif
Set GDAL_CACHEMAX to 10558224384
```

```
Set TILED=YES
Set COMPRESS=DEFLATE
Set PREDICTOR=2
Set BIGTIFF=IF_SAFER
Set BLOCKXSIZE=512
Set BLOCKYSIZE=512
Set NUM_THREADS=8
```

```
Writing corner coordinates to C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_orthophoto\odm_orthophoto_corners.txt
Orthophoto generation done.
```

```
[INFO] Cropping C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_orthophoto\odm_orthophoto.tif
```

```
[INFO] running gdalwarp -cutline "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-
5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.bounds.gpkg" -crop_to_cutline -co TILED=YES -co
COMPRESS=DEFLATE -co PREDICTOR=2 -co BIGTIFF=IF_SAFER -co BLOCKXSIZE=512 -co
BLOCKYSIZE=512 -co NUM_THREADS=8 -dstalpha "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-
c561-43c8-b7e7-5663d19ec8e7\odm_orthophoto\odm_orthophoto.original.tif"
```

```
C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_orthophoto\odm_orthophoto.tif" --config GDAL_CACHEMAX 30.85%
Using band 4 of source image as alpha.
Creating output file that is 1835P x 1924L.
Processing C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_orthophoto\odm_orthophoto.original.tif [1/1] : 0...10...20...30...40...50...60...70...80...90...100 - done.
[INFO] Optimizing C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_orthophoto\odm_orthophoto.tif as Cloud Optimized GeoTIFF
[INFO] running gdal_translate -of COG -co NUM_THREADS=8 -co BLOCKSIZE=256 -co COMPRESS=DEFLATE -co PREDICTOR=2 -co BIGTIFF=IF_SAFER -co RESAMPLING=NEAREST --config GDAL_CACHEMAX 30.85% --config GDAL_NUM_THREADS 8
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_orthophoto\odm_orthophoto.tif" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_orthophoto\odm_orthophoto_cogeo.tif"
Input file size is 1835, 1924
0...10...20...30...40...50...60...70...80...90...100 - done.
[INFO] Finished odm_orthophoto stage
[INFO] Running odm_report stage
[INFO] Exporting shots.geojson
[INFO] Wrote C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_report\shots.geojson
[INFO] running pdal info --dimensions "X,Y,Z" "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz" >
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.info.json"
[INFO] running pdal translate -i "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.laz" -o "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.tif"
--writer gdal --writers.gdal.resolution=0.0729499999999992018 --writers.gdal.data_type=uint8_t --writers.gdal.dimension=UserData --writers.gdal.output_type=max --writers.gdal.radius=0.1031668793750044
[INFO] Cropping C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.tif
[INFO] running gdalwarp -cutline "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\odm_georeferencing\odm_georeferenced_model.bounds.gpkg" -crop_to_cutline -co TILED=YES -co COMPRESS=DEFLATE -co PREDICTOR=2 -co BIGTIFF=IF_SAFER -co BLOCKXSIZE=512 -co BLOCKYSIZE=512 -co NUM_THREADS=8 "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.original.tif"
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.tif"
--config GDAL_CACHEMAX 30.85%
Creating output file that is 1257P x 1317L.
Processing C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.original.tif [1/1] : 0Using internal nodata values (e.g. 255) for image
C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.original.tif.
Copying nodata values from source C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.original.tif to destination
C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.tif.
...10...20...30...40...50...60...70...80...90...100 - done.
[INFO] running gdaldem color-relief "C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.tif"
"C:\WebODM\resources\app\apps\ODM\opendm\report\overlap_color_map.txt"
"C:\WebODM\resources\app\apps\NodeODM\data\7df7b102-c561-43c8-b7e7-5663d19ec8e7\opensfm\stats\overlap.png" -of PNG -alpha
```



