```
C:\Users\mm\Anaconda3\envs\py37\python.exe G:/EVA5/ToGit/notebook/Assignment15.py
C:\Users\mm\Anaconda3\envs\pv37\lib\site-packages\torch\cuda\ init .pv:52: UserWarning: CUDA initialization: CUDA unknown
error - this may be due to an incorrectly set up environment, e.g. changing env variable CUDA VISIBLE DEVICES after program
start. Setting the available devices to be zero. (Triggered internally at ..\c10\cuda\CUDAFunctions.cpp:100.)
Loading weights: G:\EVA5\ToGit\model-f6b98070.pt
 return torch. C. cuda getDeviceCount() > 0
Using cache found in C:\Users\mm.DESKTOP-50H5NBA/.cache\torch\hub\facebookresearch WSL-Images master
<class 'torchvision.models.resnet.ResNet'>
Using cache found in C:\Users\mm.DESKTOP-50H5NBA/.cache\torch\hub\facebookresearch WSL-Images master
Model Loaded
Loading weights: G:\EVA5\ToGit\volov3-spp-ultralytics.pt
Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 100%
                                                                                 | 9/9 [00:00<00:00, 576.10it/s]
Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 100%
                                                                                 | 9/9 [00:00<00:00, 576.18it/s]
Caching images (0.0GB): 100% | 9/9 [00:01<00:00, 7.89it/s]
cpu
Starting training for 50 epochs...
-----Train-----
      Epoch
               gpu mem
                             GIOU
                                         obi
                                                    cls yolo total targets midas loss plane bce plane dice
                    img size
      plane total
       0/49
                          4.47332
                                     146.218 27.5687
                                                            178.26
                                                                           22
                                                                                  851.342
                                                                                             6.52036
                                                                                                        8.09456
       7.30746
                       64: 100%| 1/1 [01:10<00:00, 70.14s/it]
   -----Test-----
      Epoch
                             GIoU
                                         obj cls yolo total targets midas loss plane bce plane dice
               apu mem
      plane total
                    img size
       0/49
                          4.02685
                                                                                             6.48416
                                      133.907
                                                 25.8572
                                                           163.791
                                                                           2.5
                                                                                  20.8297
                                                                                                        8.09664
       7.2904
                      64: 100%| 1/1 [00:07<00:00, 7.33s/it]
                      Images Targets
                                             Ρ
                                                      R mAP@0.5
                                                                        F1: 0%|
             Class
              ?it/s]G:\EVA5\ToGit\yolov3\utils.py:199: UserWarning: This overload of nonzero is deprecated:
   nonzero()
Consider using one of the following signatures instead:
   nonzero(*, bool as tuple) (Triggered internally at ..\torch\csrc\utils\python arg parser.cpp:882.)
  i, j = (x[:, 5:] > conf thres).nonzero().t()
             Class
                     Images Targets
                                             P
                                                      R mAP@0.5
                                                                        F1: 100%| 1/1 [00:16<00:00, 16.17s/it]
                                   25
                                           0
                                                    Ω
                                                               0
               all
                                                                        0
  -----Train-----
      Epoch
                             GIoU
                                                    cls yolo total targets midas loss plane bce plane dice
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      plane total
                    img size
       1/49
                           4.32088
                                      128.032
                                                 26.0616
                                                           158.415
                                                                           19
                                                                                  669.861
                                                                                             6.51243
                                                                                                        8.09534
       7.30388
                       64: 100%|
                                         | 1/1 [00:57<00:00, 57.21s/it]
```

Epoch

gpu_mem

	em GIoU img size	obj	cls yol	o_total	targets	midas_loss	plane_bce	plane_dice
1/49	0G 4.01368	132.887	25.8461	162.747	25	20.8296	6.44207	8.09027
7.26617	64: 100% Targets	1/1 [0	0:07<00:00, R mA	7.64s/it]		o 1 - 1 - 1 - 1 - 1 - 1 - 1	. 1 /1	<00.00 1E 0
	9 25	5 0	0		0		1/1 [00:13	<00:00, 13.6
Train								
Epoch gpu_m	em GIoU	obj	cls yol	o_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size 0G 4.21938	103 079	26 7531	13/ 051	1 0	1220 40	6.50408	8.09669
	64: 100%				10	1229.49	0.30400	0.09009
Test-								
	em GIoU	obj	cls yol	o_total	targets	midas_loss	plane_bce	plane_dice
plane_total 2/49	img_size 0G 4.01064	131.464	25.9851	161.46	25	20.8296	6.49296	8.0845
7.28873	64: 100%	1/1 [0	0:07<00:00,	7.20s/it]		20,0230		0.0010
Class all	64: 100% Targets 9 25	5 P	R mAi	P@0.5 0	F1: 100 0	%	1/1 [00:15	<00:00, 15.5
Train								
Epoch gpu_m plane total		obj	cls yol	o_total	targets	midas_loss	plane_bce	plane_dice
3/49	OG 4.48102 64: 100%				20	700.158	6.51983	8.09712
Test-								
Epoch gpu_m plane total	em GIoU img size	obj	cls yol	o_total	targets	midas_loss	plane_bce	plane_dice
	0G 4.01733 64: 100%		26.1087 0:07<00:00,		25	20.8296	6.47564	8.0852
Class	Images Targets	B P	R mA	P@0.5	F1: 100	응 	1/1 [00:14	<00:00, 14.9
all	9 25	5 0	0	0	0			
Train								

cls yolo_total

targets midas_loss plane_bce plane_dice

obj

GIoU

new 6						Thursday, May 6, 2021 11:13 Pl
plane_tota 4/49	OG 4.09134		97.7674 22	911.225	6.51935	8.09836
7.30885 4/49 7.30885	0G 4.09134	1/1 [01:03<00:00, 6: 66.8049	97.7674 22	911.225	6.51935	8.09836
		obj cls yol	o_total targets	midas_loss	plane_bce	plane_dice
4/49	ing_size 0G 4.265 <u>96</u>			20.8296	6.75831	8.08035
	64: 100% Targets all 9 25	P R mA:		% 	1/1 [00:13	<00:00, 13.36s/it]
	Train					
Epoch plane tota	gpu_mem GIoU	obj cls yol	o_total targets	midas_loss	plane_bce	plane_dice
5/49	0G 4.40726	54.167 27.6065		802.183	6.50815	8.09741
7.30278 5/49 7.30278	64: 100% 06 4.40726 64: 100%	1/1 [00:57<00:00, 5° 54.167 27.6065 5 1/1 [00:57<00:00, 5°	86.1807 23	802.183	6.50815	8.09741
	gpu_mem GIoU	obj cls yol	o total targets	midas loss	plane bce	nlane dice
plane_tota	ıl img_size		_	_	_	_
	0G 4.68325 64: 100%	91.2153 26.1205 1/1 [00:05<00:00,		20.8296	6.93397	8.07912
C	ass Images Targets all 9 25		P@0.5 F1: 100		1/1 [00:14	<00:00, 14.37s/it]
	Train					
Epoch	gpu_mem GIoU	obj cls yol	o_total targets	midas_loss	plane_bce	plane_dice
plane_tota 6/49	l img_size 0G 4.346 <u>17</u>		70.2721 19	974.64	6.50703	8.09824
7.30264 6/49	64: 100% 64: 00% 64: 100% 64: 100% 64: 100%	1/1 [01:00<00:00, 6 41.1789 24.747	0.20s/it] 70.2721 19	974.64	6.50703	8.09824
7.30264	64: 100% Test	1/1 [01:00<00:00, 6				
Epoch	gpu_mem GIoU	obj cls yol	o_total targets	midas_loss	plane_bce	plane_dice
plane_tota 6/49 7.55765	0G 5.079 <u>05</u>		101.781 25 6.80s/it]	20.8296	7.01674	8.09856

									Thursday, May 6, 2021 11:13 PN
Class	Images	Targets	P	R	mAP@0.5		응	1/1 [00:15	5<00:00, 15.32s/it]
all	9	25	0	0	0	0			
Trai	.n								
Epoch gpu_plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
7/49	0G 3.		35.4538		66.3809	17	758.059	6.50729	8.0967
7.30199 7/49 7.30199	0G 3. 64: 10	0%	35.4538	27.0369	0, 62.61s/it] 66.3809 0, 63.00s/it]	17	758.059	6.50729	8.0967
Epoch gpu_plane total		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
7/49 7.63379			51.6311		85.7094 0, 4.51s/it]	25	20.8293	7.18174	8.08585
Class	Images	Targets	 P	R	mAP@0.5		용	1/1 [00:15	<00:00, 15.06s/it]
all	9	25	0	0	0	0			
Trai	n								
Epoch gpu_plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
8/49	0G 4.		29.3598	26.1425	59.9359	17	906.629	6.50253	8.09568
7.2991 8/49	64: 100 0G 4.		1/1 [0] 29.3598	1:09<00:00, 26.1425	, 69.67s/it] 59.9359	17	906.629	6.50253	8.09568
7.2991 Test	64: 100		1/1 [0:	1:10<00:00,	, 70.12s/it]				
Epoch gpu_plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
8/49	0G 5.		41.8798	28.5436	75.7886	25	20.8294	6.94546	8.08029
7.51287 Class	Images	0% Targets	 P	R	7.09s/it] mAP@0.5	F1: 100	%	1/1 [00:15	5<00:00, 15.15s/it]
all	9	25	0	0	0	0			
Trai	.n								
Epoch gpu_plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
9/49	0G - 4.		26.2852	27.0132	57.6214	25	756.07	6.5093	8.09725
7.30327 9/49		32305 2	26.2852	27.0132	59.19s/it] 57.6214	25	756.07	6.5093	8.09725
7.30327	64: 10	0%	1/1 [(00:59<00:00), 59.39s/it]				

Test

Epoch gpu plane total		obj cl:	s yolo_total	targets midas_loss	plane_bce plane_dice
9/49	0G 5.26981			25 20.8294	6.85781 8.0772
	64: 100% Table 1			E1. 1000 EEEEEEE	1 1/1 [00.15/00.00 15 10./:+]
all	Images Targets 9 25		R mAP@0.5	0	1/1 [00:15<00:00, 15.12s/it]
				•	
Tra	in				
		obj cls	yolo_total	targets midas_loss	<pre>plane_bce plane_dice</pre>
plane_total 10/49	img_size 0G 4.57147	21.455 26.0038	52 0303	25 766.776	6.50286 8.09798
7.30042	64: 100%	1/1 [01:03<00:0	00, 63.24s/it]	23 /00:770	0.30200 0.03730
10/49	0G 4.57147	21.455 26.0038	52.0303	25 766.776	6.50286 8.09798
	64: 100%	1/1 [01:03<00:0	00, 63.72s/it]		
Test	<u></u>				
Epoch gpu_	_mem GIoU	obj cl:	s yolo_total	targets midas_loss	plane_bce plane_dice
plane_total	og 5.45036	26 9604 28 6599	61 0702	25 20.829	6.86086 8.08161
	64: 100%				3,00000
	Images Targets			F1: 100%	
	s/it] Images Targets				0 1/1 [00:14<00:00, 14.82s/it]
CIASS	images rargets	1 1	(MAI GO.5	F1. 10001	1/1 [00.14.00.00, 14.023/10]
Tra	in				
		obj cls	yolo_total	targets midas_loss	plane_bce plane_dice
plane_total		10 5004 05 100		0.4	6 50055
	0G 4.05006 64: 100%	19.5804 25.193°		24 758.116	6.50075 8.09641
11/49			48.8242	24 758.116	6.50075 8.09641
	64: 100% I	1/1 [01:01<00:0	00, 61.00s/it]		
Test	<u></u>				
	mem GIoU	obj cls	s yolo_total	targets midas_loss	plane_bce plane_dice
plane_total 11/49	img_size 0G 5.61437	15.8499 29.9342	51 3001	25 20.8284	6.92614 8.07942
7.50278	0G 5.61437 64: 100% ■■■■■ ■■■			25 20.8284	6.92614 8.07942
Class	Images Targets	P I	R mAP@0.5	F1: 100%	1/1 [00:14<00:00,
14.615		all 9	25 0		0
Class	Images Targets	P I	R mAP@0.5	F1: 100%	1/1 [00:14<00:00, 14.93s/it]

								.11	Irai
plane_dice	plane_bce	midas_loss	targets	yolo_total	cls	obj			Epoch gpu_
0 00542	6 40027	750 07	0.4	46 0007	26 126	16 1516		img_size	plane_total
8.09543	6.48937	758.07	24		26.136 01:12<00:00,				12/49 7.2924
8.09543	6.48937	758.07	24		26.136	16.1516		0G 4.	
					01:13<00:00,	1/1 [7.2924
									Test
plane_dice	plane_bce	midas_loss	targets	yolo_total	cls	obj			Epoch gpu_
0.0040	6 7605	00 000	0.5	46 5050	00 6745	10 000		img_size	plane_total
8.0842	6.7635	20.8287	25						12/49 7.42385
<00:00, 14.53s/	ı 1/1 [nn•14 ₄	& 	F1: 100	, 6./US/IT] mAP@0.5					
(00.00, 14.005)	1/1 [00:14	0	0	0		25			
plane dice	plane bce	midas loss	targets	yolo total	cle				Trai Epoch gpu
prane_drce	prane_bce	midas_10ss	targets	yolo_total	CIS	Lao			plane total
8.09656	6.49393	779.449	20		25.4081		.53846	0G 4.	13/49
					[00:59<00:00,				
8.09656	6.49393	779.449	20	44.518		14.5715	.53846		13/49 7.29524
				, 33.333/10]	[00.33<00.00]				Test
plane_dice	plane_bce	midas_loss	targets	yolo_total	cls	obj			Epoch gpu_plane total
8.09127	6.78963	20.8288	25		29.7378		62851	0G 5.	13/49
<00:00, 14.29s	ı 1/1 [nn•1 <i>1</i> ,	۶ I 	F1: 100	, 6.39s/it] mAP@0.5					7.44045
100.00, 14.233	1/1 [00.14	0 1	0		0 0				
								.n	Trai
plane_dice	plane_bce	midas_loss	targets	yolo_total	cls	obj	GIoU		Epoch gpu_
0 00700	6 40000	627 007	0.1	42 04E	24 0072	10 7576	E0010	img_size	plane_total
8.09788	6.49208	627.087	21	43.245 61 61s/i+1		13.7576		0G 4.	14/49
8.09788	6.49208	627.087	21						
					[01:01<00:00,				7.29498
	6.49208	627.087	21	43.245	[01:01<00:00, 24.8973 [01:01<00:00,	13.7576	.59012)응	0G 4. 64: 100	7.29498 14/49 7.29498 Test

Spech gpu see GloU obj cls yelo total targets midas loss plane bee plane see plane total ling size 14/49 06 5.75679 2.90983 31.768 40.8394 25 20.8287 6.79663 8.09214 7.44839 7.44839 06 6.1004 1/1 [00.05600.00, 5.228/1t] Fi: 1008 1/1 [00:16<00:00, 14.938/1t] Fi: 1008 1/1 [00:16<00:00, 14.398/1t]	new 6										Thursday, May 6, 2021 11:13 PM
14/49		Epoch gp			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
7.44439 64: 1000											
Class Images Targets P R mAPPO.5 F1: 100x 1/1 00:14<00:00, 14.93a/it								25	20.8287	6.79663	8.09214
Epoch gpu mem GIOU obj cls yolo_total targets midas_loss plane_bcc plane_dice plane_stotal img_size 15/49 06 4.21948 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 64:1008 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.28669 61:1008 11.7213 25.3646 42.2046 25 20.8282 6.77675 8.09248 7.43462 64:1008 11.2876 35.0306 42.2046 25 20.8282 6.77675 8.09248 7.43462 64:1008 11.7213 7.28669 7.2		Clas	s Ima	ges Targe	ets	P R	mAP@0.5		8	1/1 [00:14	<00:00, 14.93s/it]
plane_total img_size 15/49 05 4.21948 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 66: 1008 1 1/1 [01:02<00:00, 62.49s/it] 15/49 05 4.21948 11.7213 25.3646 41.3053 24 626.018 6.49783 8.09803 7.29793 62: 1008 1 1/1 [01:02<00:00, 62.70s/it] Epoch gpu mem GIOU obj cls yolo total plane_total img_size 15/49 06 5.38613 1.2878 35.0306 42.2046 7.43462 64: 1008 1 1/1 [00:07<00:00, 7.40s/it] Class Images Targets P R mAF80.5 61.008 1 1/1 [00:08<00:00, 58.58s/it] Epoch gpu mem GIOU obj cls yolo_total targets midas loss plane_bce plane_dice plane_total img_size 16/49 05 4.35274 11.913 23.6862 39.9502 21 1037.96 6.47702 8.09636 7.28669 64: 1008 1 1/1 [00:58<00:00, 58.58s/it] Epoch gpu mem GIOU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 16/49 05 6.07482 0.576496 45.4526 52.1039 7.33126 64: 1008 1 1/1 [00:06<00:00, 6.73s/it] Class Images Targets P R mAF80.5 61:1008 1 1/1 [00:14<00:00, 14.34s/it] Class Images Targets P R mAF80.5 71:100		Tr	ain								
15/49					obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
15/49		15/49	0G	4.21948				24	626.018	6.49783	8.09803
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size		15/49	0G	4.21948	11.7213	25.3646	41.3053	24	626.018	6.49783	8.09803
plane total img size 15/49		Te	st								
15/49					obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:14<00:00, 14.39s/it]		15/49	0G _	5.88613				25	20.8282	6.77675	8.09248
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 16/49 0G 4.35274 11.9113 23.6862 39.9502 21 1037.96 6.47702 8.09636 7.28669 64: 100% 1.71 [00:58<00:00, 58.58s/it]		Clas	s Ima	ges Targe	ets	P R	mAP@0.5		8	1/1 [00:14	<00:00, 14.39s/it]
Plane_total img_size 16/49 0G 4.35274 11.9113 23.6862 39.9502 21 1037.96 6.47702 8.09636 7.28669 64: 100%		Tr	ain								
16/49					obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 16/49		16/49	0G _	4.35274				21	1037.96	6.47702	8.09636
plane_total img_size 16/49		Te	st								
16/49 OG 6.07482 0.576496 45.4526 52.1039 25 20.8273 6.97888 8.08363 7.53126 64: 100%			_		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:14<00:00, 14.84s/it] all 9 25 0 0 0 0 Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size		16/49	0G	6.07482				25	20.8273	6.97888	8.08363
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size		Clas	s Ima	ges Targe	ets	P R	mAP@0.5		8	1/1 [00:14	<00:00, 14.84s/it]
plane_total img_size		Tr	ain								
plane_total img_size		Epoch gp	u mem	GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
1//49 UG 4.42921 9.59201 23.8//6 37.8988 23 1076.29 6.47696 8.09714				ize 4.42921	9.59201	23.8776	- 37.8988	23	1076.29	6.47696	- 8.09714

ew 6													Thursday, May 6, 2021 11:13 Pl
	7.28705 17/49 7.28705	0	64: 10	4.42921 00%	9.5920)1	01:05<00:00, 23.8776 01:05<00:00,	37.8988		23	1076.29	6.47696	8.09714
	Epoch o				ok	ρj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
	17/49 7.6365	0	G (6.19523			50.0953 0:07<00:00,			25	20.8273	7.19349	8.07951
	Cla		Images	s Targ		P 0	R	mAP@0.5		F1: 100 0	%	1/1 [00:14	<00:00, 14.92s/it]
		Γrain−											
	Epoch o		m mg size	GIoU	ok	Þj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
	18/49 7.29291	0	G 4	4.17781			24.0454 00:58<00:00,			28	789.764	6.48668	8.09915
	18/49 7.29291	0	G 4 64: 10	4.17 <mark>781</mark>	10.235	59	24.0454 00:58<00:00,	38.4591		28	789.764	6.48668	8.09915
		l'est											
	Epoch o				ok	Þj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
	18/49	0	G G	6.2765	0.021325		55.1055 00:05<00:00,	61.4033 5.83c/i+1		25	20.8277	7.34933	8.07951
	Cla		Images	s Targ	ets	P 0	R	mAP@0.5		F1: 100 0	응	1/1 [00:15	5<00:00, 15.06s/it
		Γrain−											
	Epoch o	gpu_me	m mg size	GIoU	ok	oj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
	19/49	0	G 4	4.42572			23.5324			24	821.682	6.48092	8.09745
	7.28918 19/49 7.28918	0	G 4 64: 10	4.42572 00%	9.0429	93	00:53<00:00, 23.5324 00:54<00:00,	37.0011		24	821.682	6.48092	8.09745
		Test											
	Epoch o				ok	рj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
	19/49	0	G (6.23978			47.869 00:06<00:00,	54.1544		25	20.8282	7.0435	8.07695
	Cla		Images	s Tarç		P		mAP@0.5 25	0	F1: 100 0		1/1 [00:14	<00:00,

	Class	Image	es Targe	ts	P R	mAP@0.5	F1: 100	응 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대	1/1 [00:14	<00:00, 14.50s/i
	Пиод	_								
	Trai	.11								
Epoch	gpu_	mem img siz		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
20/49		0G _	4.17604		22.9997			940.857	6.46092	8.09492
1.21192	2	64: 1	.00%		[01:12<00:00	, /2.UIS/1t]				
	Test	;								
Epoch	gpu_ total	mem img siz	GIoU ze	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
20/49		0G	6.32781	0.0176066	57.8219 [00:06<00:00	64.1673		20.8281	7.23806	8.07309
7.0000	Class	Image	es Targe	ts	P R	mAP@0.5	F1: 100	응	1/1 [00:14	<00:00, 14.32s/i
	all		9	25	0 0	0	0			
	Trai	.n								
En e e le			CTall	ئے ما	-1-		.		mlana baa	mlana dina
Epoch plane t		mem img siz		Lao	cls	yolo_total	targets	midas_ioss	prane_bce	prane_drce
21/49		0G	4.0628	9.5549	23.3481 [01:01<00:00	36.9658	23	1032.17	6.47452	8.09785
		;		1 1/1	[01.01.00.00	, 01.338/10]				
Fnoch	anu	m o m	CTOH	ohi	cls	volo total	targots	midae loee	nlano boo	nlano dico
plane t	total	img siz	ze			_		_	_	_
					70.8996 [00:06<00:00			20.8281	7.60384	8.0704
	Class	Image	es Targe	ts	P R	mAP@0.5	F1: 100	응	-	<00:00,
	14.12s Class		es Targe		9 P R	25 mAP@0.5		8 1 	0 1/1 [00:14	<00:00, 14.39s/i
	Trai	.n								
	an 11	mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
Epoch										
plane_t 22/49	total	img_siz 0G	ze 4.1 <u>7895</u>	7.98588		33.765	12	1011.85	6.48362	8.09858
plane_t	total	img_siz 0G 64: 10	ze 4.1 <u>7895</u>		[01:07<00:00,		12 12	1011.85 1011.85	6.48362 6.48362	8.09858 8.09858

		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
0G _	6.4545				25	20.8288	7.46825	8.05801
Image	es Targe	ets	P R	mAP@0.5		응	1/1 [00:15	<00:00, 15.04s/it]
	9	25	0 0	0	0			
in								
		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
		6.80629	22.5266	33.606	30	973.156	6.47312	8.09538
					3.0	973 156	6 47312	8.09538
64: 1	L00%1				30	373.130	0.47312	0.09030
<u> </u>								
		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
0G	6.4349				25	20.829	7.49508	8.05859
					F1: 100	응 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1/1 [00:14	<00:00. 14.70s/itl
					0		1 1 1 [0 0 • 1 1	11.708/10]
in								
_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
		7.48113	22.2179	33.9265	21	973.66	6.46567	8.09587
t								
	GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
		0 0151146	72 7071	- 79 0731	25	- 20 8291	- 7 51193	8.05711
64: 1	L00%1	1/1	[00:05<00:00	, 5.33s/it]				
	es Targe 9	ets 25			0	ঠ	1/1 [00:15	<00:00, 15.06s/it]
in								
mem	GIoU	obj	T	yolo total	4 4 4 4 4			
t	img_siz OG 64: 1 Image inmem img_siz OG 64: 1 tmem img_siz OG 64: 1 Image inmem img_siz OG 64: 1 Image	img_size OG 6.4545 64: 100%	img_size OG 6.4545 0.00911756 64: 100%	img_size 0G	img_size 0G	img_size 0G	<pre>img_size OG</pre>	Image Size OG

									Thursday, May 6, 2021 11:13 F
25/49 7.28021	0G 64:	4.07738	9.75488	22.6776 [01:06<00:00,		27	739.475	6.46288	8.09754
25/49	0 G	4.07738	9.75488	22.6776	36.5098	27	739.475	6.46288	8.09754
7.28021 T		•	1/1	[01:07<00:00,	, 67.28s/it]				
Epoch g plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
25/49	0G	6.22345		66.6291		25	20.8291	7.42304	8.04648
7.73476 Cla		100% jes Targe	ets		, 6.59s/it] mAP@0.5	F1: 100	용	1/1 [00:14	<00:00, 14.73s/it
a	11	9	25	0 0	0	0			
Т	rain								
Epoch g plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
26/49	0G	4.27109		22.3902		17	812.541	6.46539	8.09759
7.28149 26/49	0 G		6.91681		33.5781	17	812.541	6.46539	8.09759
7.28149 T			1/1	[00:56<00:00	, 56.75s/it]				
	pu_mem		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 26/49			0.0198897	52.3267	58.2998	25	20.8292	7.11172	8.04679
7.57925	64:	100%	1/1	[00:06<00:00 P R	, 6.26s/it]	F1: 100			<00:00, 14.89s/i
	_	ges large 9	25			0	6 	1/1 [00:14	<00:00, 14.69S/10
Т	rain								
Epoch g plane total	pu_mem img_si	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
27/49	0G	4.20332	6.39465		33.5937	24	907.256	6.4612	8.09726
7.27923 27/49	64: 0G	100% 4.20332	6.39465	[00:58<00:00, 22.9957	, 58.35s/it] 33.5937	24	907.256	6.4612	8.09726
7.27923 T		100%	1/1	[00:58<00:00	, 58.77s/it]				
Epoch g	pu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 27/49			0.0156596	55.0237	- 60.8828	25	20.8292	7.23753	8.04749
7.64251	64:	100%	1/1	[00:07<00:00	, 7.40s/it]				
Cla	ss Imag	ges Targe	ets	P R	mAP@0.5	F1: 100	र्छ । । । । । । । । । । । । । । । । । । ।	1/1 [00:14	<00:00, 14.98s/it

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Enoch	, mom	GIoU	oh i	ala	yolo total	targeta	midaa laaa	nlane bee	nlano dico
Epoch gp	ima s	ize	Cuo	CIS	yolo_total	targets	midas_10ss	prane_bce	prane_drce
28/49	0G		8.54748	21.2475	33.9812	28	1044.91	6.44668	8.09701
7.27185		100%		[01:11<00:00					
28/49		4.18618				28	1044.91	6.44668	8.09701
7.27185 Te:				[01:12<00:00	, /2.U8S/1t]				
Epoch gp	ı mem	GTOU	obi	cls	volo total	targets	midas loss	plane bce	nlane dice
plane total			ر ۵۵ ر	010	1010_00001	041900		prame_see	prame_aree
28/49	0G	5.74092	0.0168827		65.3876	25	20.8292	7.21031	8.04621
7.62826				[00:07<00:00 P R		E1. 100		1 1/1 [00.14	
Clas:		ges Taro		0 0		0	8	1/1 [00:14	<00:00, 14.0
41.	_	3	20	o o	O .	· ·			
Epoch gp	ı_mem img s		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
29/49	0G		5.27128	22.2674	32.2078	23	716.381	6.45024	8.0985
7.27437				[00:58<00:00					
29/49 7.27437		4.66915 100%	5.27128	22.2674 [00:58<00:00		23	716.381	6.45024	8.0985
Te:				[00.30\00.00	, 30.313/10]				
	ı_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 29/49			0 0577124	19 097	54.762	25	20.8292	6.80754	8.0537
7.43062	64:	100%	1/1	[00:06<00:00		23	20.0292	0.00754	0.0557
Class	s Ima	ges Targ	gets	P R	mAP@0.5		8	1/1 [00:14	<00:00, 14.7
al	L	9	25	0 0	0	0			
Tr	ain		-						
	ı_mem	GIOU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 30/49	img_s 0G	ize 4.36338	6.84985	22.4944	33.7076	22	1168.02	6.44396	8.09864
7.2713		100%		[01:04<00:00,		22	1100.02	0.770	0.0004

	_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	img_size 0G 5.32 <u>985</u>			44.6292	25	20.8294	6.55954	8.05987
7.30971 Class	· ———		0:07<00:00 R	, 7.22s/it] mAP@0.5	F1: 100	2 	ı 1/1 [00•15	<00:00, 15.51s/
all	=	25 0	0	0	0	·	1 1/1 [00:10	100.00, 13.313/
Tra	in							
114.								
	_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size 0G 4.14684	6.69758	20 3829	31.2273	19	776.65	6.45562	8.09925
	64: 100%				13	770.03	0.45502	0.09929
Tes	t							
	_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 31/49	img_size 0G 5.09612	1.00814	32.7252	38.8294	25	20.8294	6.45928	8.06592
	64: 100%			5.86s/it]	-1 100			
Class	Images Targ 9	rets P 25 0		mAP@0.5 0	F1: 100	ㅎ	1/1 [00:14	<00:00, 15.00s/
Шта	·							
IIa.	in							
	_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 32/49	img_size 0G 4.03153	6.63211	20 4957	31.1593	18	1153.72	6.43734	8.09734
	64: 100%				10	1133.72	0.43734	0.03/34
Tes	t							
	_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 32/49	img_size OG 5.18029	0.793744	38.5658	44.5398	25	20.8294	6.52892	8.06766
7.29829	64: 100%	1/1 [(0:06<00:00	, 6.26s/it]				
Class all	=	rets P 25 0	R 0	mAP@0.5 0	F1: 100 0	왕	1/1 [00:15	<00:00, 15.45s/
				-	-			
Tra.	in							
	_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 33/49	img_size 0G 3.90401	8.51787	21 7/100	3/1 1629	25	974.989	6.43903	8 00686
JJ/47	J. 3.90401	0.31/8/	21.7409	34.1628	∠ ⊃	9/4.989	0.43903	8.09686

										, .,
7.26794	64: 10	0%	1/1	[01:03<00:00	, 63.03s/it]					
 Tes	t									
100										
Epoch gpu	mam	GIoU	ohi	cls	volo total		targets	midas loss	nlane hce	nlane dice
plane total				CIS	yolo_cocal		cargees	1111443_1033	pranc_bee	prane_dree
33/49			0.535648		50.222		25	20.8294	6.57383	8.07315
7.32349 Class		Target:			, 6.94s/it] mAP@0.5		F1: 100	응 ■■■■■■■■■■	1/1 [00:14	<00:00,
14.67	s/it]	_	all	9	25	0	0	0	0	
Class	Images	Targets	S	P R	mAP@0.5		F1: 100		1/1 [00:15	<00:00, 15.04s/it]
 Tra	in									
Epoch gpu plane total	_ ^{mem} img size	GIoU	obj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
34/49	0G 3	.92891	7.59268				18	737.845	6.43946	8.10055
7.27001	64: 10	0%	1/1	[01:07<00:00	, 67.02s/it]					
 Tes	t									
Epoch gpu	mem	GIoU	obj	cls	volo total		targets	midas loss	plane bce	plane dice
plane_total	_ img_size	2			_			_	_	_
34/49 7.26636		5.12955 10%1 ■■■■■	0.777369		40.4377 - 6 95s/i+1		25	20.8294	6.45692	8.07581
Class	Images	Target		P R	mAP@0.5		F1: 100		1/1 [00:15	<00:00,
15.67 Class	s/it]	Target	all	9 P R	25 mapan 5	0	-	0 % 	0 . 1/1 [00•16	<00:00, 16.01s/it]
CIGSS	Images	rarycc.	5	1	111111111111111111111111111111111111111		11. 100	0	1 1/1 [00:10	10.013/10]
 Tra	in									
	_mem	GIoU	obj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
plane_total 35/49	img_size 0G 4	.22804	5.18502	22.2308	31.6438		24	794.42	6.43216	8.09907
7.26561			1/1	[01:06<00:00	, 66.66s/it]					
35/49 7.26561		22804	5.18502	22.2308 [01:06<00:00	31.6438		24	794.42	6.43216	8.09907
 Tes			1 1/1	[01:00:00:00	, 00.918/10]					
Epoch gpu	mem	GIoU	obj	cls	yolo total		targets	midas loss	plane bce	plane dice
plane_total 35/49	img_size 0G 5	.04842	1.09751	30.1483	36 2012		25	20.8294	6.36784	8.08578
7.22681	64: 10			[00:06<00:00			∠⊃	20.8294	0.30/84	0.003/8
Class	Images	Target	S	P R	mAP@0.5		F1: 100	응	1/1 [00:16	<00:00, 16.09s/it]
all	9	2.5	5	0 0	0		0			

Tra	in									
Epoch gpu plane total	_mem ima_size	GIoU	obj	cls	yolo_total	targe	ts	midas_loss	plane_bce	plane_dice
36/49 7.26995	0G 4	.42579	4.39697	20.1574 [01:16<00:00	28.9802 , 76.23s/it]		18	993.172	6.44177	8.09814
Tes	t									
Epoch gpu plane total			obj	cls	yolo_total	targe	ts	midas_loss	plane_bce	plane_dice
36/49	0G - 4	.28813	3.48323	22.6544	30.4258		25	20.8296	6.20616	8.10051
7.15334 Class all	Images	Targets		P R 0 0	mAP@0.5	F1:	100%	5	1/1 [00:15	<00:00, 15.25s/it]
Tra	in									
Epoch gpu plane total	_mem _ima_size	GIoU	obj	cls	yolo_total	targe	ts	midas_loss	plane_bce	plane_dice
37/49 7.26637	0G 4	.27438	5.29488	21.1499 [01:06<00:00	30.7192 , 66.59s/it]		22	849.311	6.4325	8.10024
Tes	t									
Epoch gpu plane total			obj	cls	yolo_total	targe	ts	midas_loss	plane_bce	plane_dice
37/49 7.20573	0G 4	13277	9.58775	22.6126	36.3331		25	20.8296	6.30605	8.1054
7.20573 Class	64: 10 Images	Targets	1/1	P R	, 6.925/1t] mAP@0.5	F1:	100%	5	1/1 [00:15	<00:00,
15.03	s/it]		all	9	25	0	0	0	0	
Tra	in									
Epoch gpu plane_total			obj	cls	yolo_total	targe	ts	midas_loss	plane_bce	plane_dice
Class 38/49	Images 0G 3	Targets .87595	7.63394	20.5444	32.0543			835.726		8<00:00, 15.40s/it] 8.0976
7.26515 38/49 7.26515	0G 3	.87595	7.63394		32.0543		19	835.726	6.43271	8.0976
Tes					, , _ 0]					

new 6											Thursday, May 6, 2021 11:13 PM
	Epoch plane	gpu_	_mem img_si:	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	38/49 7.1943		0G	3.96042 100%	13.9912	23.4115 [00:05<00:00	41.3631	25	20.8296	6.28308	8.10568
	7.1943	Class	Image	es Target	S	P R 0 0		F1: 100 0	용	1/1 [00:15	5<00:00, 15.20s/it]
		Trai	in								
	Epoch plane		_mem img siz	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	39/49 7.2604		0G 64: 10	4.10053	8.69145	21.8091 01:12<00:00,	34.6011 72 56s/itl	28	927.554	6.42404	8.09675
	39/49 7.2604		0G 64: 10	4.10053	8.69145	21.8091 01:12<00:00,	34.6011	28	927.554	6.42404	8.09675
	Epoch	apıı	mem	GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
	plane_39/49	total	img_siz	ze 3.95449	13.7879	23.4229	41.1653	25	20.8296	6.27956	8.10549
	7.1925	2 Class 13.29s	Image	100% es Target		[00:04<00:00 P R 9		F1: 100		1/1 [00:13 0	3<00:00,
		Class	Image	es Target			mAP@0.5	F1: 100		-	3<00:00, 13.67s/it]
		Trai	in								
	Epoch plane		_mem img si:	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	40/49		0G _	3.9453	7.37845 1/1	19.4922 [01:07<00:00		22	947.214	6.42344	8.09752
		Test	<u></u>								
	Epoch	gpu_	_mem img_siz	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	40/49		0 G	3.95213	13.4891 1/1	23.2714 [00:06<00:00	40.7127 6.03s/itl	25	20.8296	6.28187	8.10516
		Class all		es Target	cs	P R 0 0		F1: 100 0	8	1/1 [00:14	<pre>!<00:00, 14.90s/it]</pre>
		Trai	in								
	Epoch plane_	gpu_ total	_mem img_si:	GIoU ze	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice

new 6										Thursday, May 6, 2021 11:13 PM
	41/49 7.2556		37345	5.49381 1/1 [20.5728 01:05<00:00,		20	810.077	6.41349	8.09771
	41/49 7.2556	0G 4. 64: 100%	37345	5.49381	20.5728 01:05<00:00,	30.4401	20	810.077	6.41349	8.09771
	Test									
	Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	41/49 7.18855	0G 3. 64: 100	96195 % 	12.8974	23.2587 [00:06<00:00,	40.1181 6.94s/it]	25	20.8296	6.27131	8.10579
		Images	Targets			mAP@0.5	F1: 100 0	용 	1/1 [00:15	<00:00, 15.18s/it]
	Trai	n								
	Epoch gpu_ plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	42/49 7.25548	0G 4. 64: 100	35087)%		20.5035 [01:02<00:00,		21	725.414	6.4129	8.09806
	Test 42/49 7.25548	0G 4.	35087	5.19895 1/1		30.0533 62.64s/it]	21	725.414	6.4129	8.09806
	Epoch gpu_ plane total	mem		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	42/49 7.18982	0G - 3.	95013	12.4756	23.1227	39.5485 6.76s/itl	25	20.8296	6.27482	8.10483
		Images			P R	mAP@0.5	F1: 100 0	%	1/1 [00:14	<00:00, 14.73s/it]
	Trai	n								
	Epoch gpu_ plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	43/49 7.25593	0G 4.	36658	5.20823	21.257 [00:54<00:00,	30.8319	28	916.779	6.41213	8.09973
	43/49 7.25593	0G 4. 64: 100	36658)%	5.20823	21.257 [00:54<00:00,	30.8319	28	916.779	6.41213	8.09973
	1000									
	Epoch gpu_ plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	43/49 7.18675	0G - 3.	96571	12.1839	23.1082 [00:06<00:00,	39.2578 6.28s/itl	25	20.8296	6.26886	8.10464
	Class				P R	_	F1: 100	%	1/1 [00:15	<00:00, 15.36s/it]

										Thursday, May 0, 2021
	all	9	25		0 0	0	0			
	Train									
Epoch	gpu_mem		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_tot 44/49	0 G		9267	5.54912		30.1999	25	911.318	6.41406	8.09618
7.25512 44/49	0 G	4.2	1 267	5.54912		30.1999	25	911.318	6.41406	8.09618
7.25512 	6 Test			1/1	[01:03<00:00	, 63.00s/it]				
Epoch	gpu_mem	(GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_tot 44/49	tal img OG	_size 3.9	4147	12.4039	23.1968	39.5422	25	20.8296	6.26179	8.10595
	6 Class I		Targets		[00:06<00:00 P R		F1: 100	응 조리 조리 조리 조리	1/1 [00:15	<00:00, 15.32
	all	9	25		0 0	0	0		, , ,	,
	Train									
Epoch	gpu_mem		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_tot	0 G	_size 4.03		6.06941		29.8202	18	923.627	6.40757	8.09974
7.25366 45/49	0 G	4.03	1 3 695	6.06941		29.8202	18	923.627	6.40757	8.09974
7.25366 	6 Test			1/1	[00:57<00:00	, 57.42s/it]				
Epoch	gpu_mem	(GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_tot 45/49	tal img OG	_size 3.9	6859	11.6472		38.622	25	20.8296	6.2583	8.10567
	6 Class I	4: 100% mages	Targets		[00:06<00:00 P R		F1: 100	응	1/1 [00:14	<00:00, 14.15
	all	9	25		0 0	0	0			
	Train									
Epoch	gpu_mem		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
46/49	tal img OG	3.9		10.0492		33.9754	26	927.728	6.41144	8.0981
7.25477	6	4: 100%		1/1	[01:08<00:00	, 68.53s/it]				

Epoch gpu mem GIOU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 46/49 0G 3.98243 11.8799 23.1116 38.9739 25 20.8296 6.26254 8.10567 7.18411 64: 1008
7.18411 64: 100% 64: 100%
Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:13<00:00, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
13.06s/it all 9 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1/1 [01:04<00:00, 64.22s/it] 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1/1 [01:04<00:00, 64.70s/it]
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1.71 [01:04<00:00, 64.22s/it] 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1.71 [01:04<00:00, 64.70s/it] Epoch gpu_mem GIoU obj cls yolo_total plane_total img_size 47/49 0G 3.96466 11.6054 23.1154 38.6855 7.18283 64: 100% 1.71 [00:06<00:00, 6.50s/it] Class Images Targets P R mAP@0.5 F1: 100% 1.71 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0 0 0
plane_total img_size 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1/1 [01:04<00:00, 64.22s/it] 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1/1 [01:04<00:00, 64.70s/it] Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49 0G 3.96466 11.6054 23.1154 38.6855 25 20.8296 6.26001 8.10566 7.18283 64: 100% 1/1 [00:06<00:00, 6.50s/it] Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0 0
A7/49
7.25249 64: 100% 1/1 [01:04<00:00, 64.22s/it] 47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1/1 [01:04<00:00, 64.70s/it] Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49 0G 3.96466 11.6054 23.1154 38.6855 25 20.8296 6.26001 8.10566 7.18283 64: 100% 1/1 [00:06<00:00, 6.50s/it] Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0 0 0
47/49 0G 3.92626 7.80408 19.7018 31.4322 27 920.402 6.40638 8.09861 7.25249 64: 100% 1/1 [01:04<00:00, 64.70s/it] Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49 0G 3.96466 11.6054 23.1154 38.6855 25 20.8296 6.26001 8.10566 7.18283 64: 100% 1/1 [00:06<00:00, 6.50s/it] Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0 0
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice plane_total img_size 47/49
plane_total img_size 47/49
47/49 0G 3.96466 11.6054 23.1154 38.6855 25 20.8296 6.26001 8.10566 7.18283 64: 100% 1/1 [00:06<00:00, 6.50s/it] Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0
7.18283 64: 100% 1/1 [00:06<00:00, 6.50s/it] Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0 0
Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.29s/it] all 9 25 0 0 0 0
Train
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice
plane total img size
48/49 0G 4.26921 3.52336 20.589 28.3815 17 891.63 6.40294 8.09676
7.24985 64: 100% 1/1 [01:00<00:00, 60.49s/it] 48/49 0G 4.26921 3.52336 20.589 28.3815 17 891.63 6.40294 8.09676
7.24985 64: 100% 1/1 [01:00<00:00, 60.69s/it]
Epoch gpu_mem GIoU obj cls yolo_total targets midas_loss plane_bce plane_dice
plane_total img_size
48/49 OG 4.00262 11.4304 22.9196 38.3526 25 20.8296 6.25884 8.1069 7.18287 64: 100% 1/1 [00:05<00:00, 5.51s/it]
Class Images Targets P R mAP@0.5 F1: 100% 1/1 [00:15<00:00, 15.37s/it]
all 9 25 0 0 0 0

new 6										Thursday, May 6, 2021	11:13 PM
	Epoch gpu_plane total	mem img si	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	49/49	0G _	3.84219 100%	9.59796	20.7853 [01:04<00:00		26	884.391	6.39357	8.09859	
	49/49 7.24608	0G 64:	3.84219 100%	9.59796	20.7853 [01:04<00:00	34.2254	26	884.391	6.39357	8.09859	
	Epoch gpu_plane total	_mem img si	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	49/49	0G _	4.01875	11.0602	22.7124 [00:05<00:00	37.7913 5.39s/i+1	25	20.8296	6.27018	8.10612	
	Class		ges Targe	ets		mAP@0.5	F1: 100	왕	1/1 [00:14	1<00:00, 14.39	s/it]
Caching Caching Caching cpu	g labels: 0% g labels (9 foug labels (9 foug j images (0.0GE) ng training for	and, 0 r and, 0 r 3): 1009	nissing, 0	empty, 0 du empty, 0 du	plicate, for	<pre>9 images): 9 images):</pre>			:00<00:00, 5 :00 , ?it/s</td <td></td> <td></td>		
	Trai	_n									
	Epoch gpu_plane total	_mem img si	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	0/49 7.26519	0G [—] 64:	4.21925 : 100%	9.45182 1/1	24.9104 [01:24<00:0		42	1401.89	6.43277	8.09761	
	Test	;									
	Epoch gpu_plane total	_	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	0/49 7.18979	img_si	8.20849 : 100%		33.2305		25	68.8913	6.2685	8.11107	
	Class all	Imag		ets		mAP@0.5 0.000302	F1: 100 0	용	1/1 [00:19	9<00:00, 19.96	s/it]
	Trai	_n									
	Epoch gpu_	_mem img si	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	plane_total 1/49	0G _	8.65916	9.50899	41.3222	59.4904	33	1073.75	6.42569	8.09782	
	7.26175 1/49 7.26175	0G	100% 8.65916 100%	9.50899	[01:37<00:0 41.3222 [01:38<00:0	59.4904	33	1073.75	6.42569	8.09782	

-----Test-----

Epoch gpu_		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 1/49	img_size 0G 7.80512	16.8888	33.4275	58.1214	25	68.8913	6.26684	8.11011
7.18847	64: 100%		0:10<00:0	0, 10.44s/it]				
Class				mAP@0.5	F1: 100	왕	1/1 [00:17	<00:00, 17.14s/it]
all	9 25	0	0	0.000566	0			
Trai	in							
Epoch gpu	mem GIoU	obi	cls	yolo total	targets	midas loss	plane bce	plane dice
plane total	_	ر ۵۵	010	7010_00001	0019000		F 10110_200	P14110_4100
2/49	OG 4.001 <u>19</u>	9.07818		37.4572	31	1126.43	6.42594	8.09776
	64: 100%			0, 96.51s/it]	2.1	1106 40	C 40504	0 00776
2/49 7.26185	0G 4.00119 64: 100%	9.07818		37.4572 0. 96 96s/i+1	31	1126.43	6.42594	8.09776
		1 1/1 [0]	1.50 (00.0	0, 30.308, 10]				
Epoch gpu	_mem GIoU	obi	cls	yolo total	targets	midas loss	plane bce	plane dice
plane total	img size			1			<u> </u>	r
2/49	0G 8.45094	16.1645	34.6739	59.2894	25	68.8913	6.25889	8.11027
	64: 100%				п1. 100	0	1 /1 [00.10	<00.00 10 70~/:+1
all				mAP@0.5 0.00029	F1: 100 0	6 	1/1 [00:19	<00:00, 19.78s/it]
0.11	, 20	, g	· ·	0.00023	v			
Trai	in							
Epoch gpu	mem GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
plane_total	img_size			_		_	_	_
	0G 3.85706	9.24375		36.7456	25	873.481	6.41579	8.09741
7.2566	64: 100%		:35<00:00	, 95.87s/it]				
Test	<u> </u>							
Epoch gpu	mem GIoU	obj	cls	yolo total	targets	midas loss	nlane hce	nlane dice
plane total	_	O.C.J	010	y010_c0ca1	cargees	m1445_1055	pranc_bee	pranc_aree
3/49	0G 7.98198				25	68.8913	6.26043	8.1106
7.18552	64: 100%				5 1 100		1/1 500 10	.00 00 10 70 /:-1
Class all	Images Targets 9 25			mAP@0.5 0.000245	0	रुं। ।	1/1 [00:19	<00:00, 19.79s/it]
		,	O	0.000213	Ŭ			
Trai	in							
Epoch gpu	mem GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
	_	=		_	-	_	_	_

								Thursday, May 6, 2021 11:13
plane_total 4/49 7.26389	img_size 0G 4.21549 64: 100%	7.88077	24.1884 01:40<00:00,	36.2846 100.70s/it]	30	1198.52	6.42822	8.09955
Test								
Epoch gpu_		obj	cls yo	lo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 4/49 7.18526			36.049 00:10<00:00,		25	68.8913	6.25957	8.11095
Class		P		AP@0.5	F1: 100	% 	1/1 [00:19	<00:00, 19.59s/i
Trai	n							
Epoch gpu_ plane total		obj	cls yo	lo_total	targets	midas_loss	plane_bce	plane_dice
	0G 8.0016 64: 100%	7.02849	26.068 01:24<00:00,		15	909.704	6.41073	8.09509
5/49 7.25291	0G 8.0016 64: 100%	7.02849	26.068 01:25<00:00,	41.0981	15	909.704	6.41073	8.09509
Test								
Epoch gpu_ plane total		obj	cls yo	lo_total	targets	midas_loss	plane_bce	plane_dice
5/49					25	68.8913	6.25884	8.11112
Class	Images Targets	P	R m	AP@0.5	F1: 100		1/1 [00:16	<00:00,
16.36s Class	/it] Images Targets	all P		5 0 AP@0.5		0.000221	0 1/1 [00:16	<00:00, 16.56s/
Trai	n							
Epoch gpu_ plane total		obj	cls yo	lo_total	targets	midas_loss	plane_bce	plane_dice
6/49	0G 9.14558				30	909.507	6.41601	8.0982
7.25711 6/49 7.25711 Test	64: 100% 64: 100% 64: 100% 64: 100%	8.23158	45.1321	62.5092	30	909.507	6.41601	8.0982
Epoch gpu_		obj	cls yo	lo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 6/49 7.18496	img_size 0G 7.30869 64: 100%	14.8649	35.7412 00:11<00:00,		25	68.8913	6.2589	8.11102

											Thursday, May 6, 2021 11:13 PM
	Class	Image	es Targets		P		mAP@0.5	F1: 100		1/1 [00:18	3<00:00,
	18.87s	_		all	9				0.000192	0	
	Class	Image	es Targets	5	Р	R	mAP@0.5	F'1: 100	용	1/1 [00:19	0<00:00, 19.12s/it]
	Trai	n									
Epoch	gpu_			obj		cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_to 7/49			6.02651				46.0595	39	1118.4	6.40993	8.09717
7.25355 7/49 7.25355		0G	6.02651	8.47086	31.	5621	0, 88.98s/it] 46.0595 0, 89.34s/it]	39	1118.4	6.40993	8.09717
				·	-		,				
	_			obj		cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
		0G	7.29095				56.1401 0, 11.29s/it]	25	68.8913	6.25065	8.11167
	Class all	Image	es Targets 9 25	5	P	R	mAP@0.5 0.000138	F1: 100 0	용	1/1 [00:17	<pre>2<00:00, 17.36s/it]</pre>
Epoch plane_to 8/49	tal	img_siz	ze 7.85161	8.04509	38.	2955		25	1142.31	_	plane_dice
8.09773				: 100% 		1/1	[01:23<00:00,	, 83.78s/it]		
Epoch		mem	GIoU	obj		cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
		0G	7.22196				52.3446 0, 13.51s/it]		68.8913	6.25374	8.11264
		Image	es Targets	5		R	mAP@0.5 0.000148		응	1/1 [00:19	<pre>0<00:00, 19.90s/it]</pre>
	Trai	n									
Epoch	gpu_	mem img siz	GIoU	obj		cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane to											

									Thursday, May 6, 2021 11:13 PM
9/49 7.25087		4.05855 100%	7.27782		34.2842 0, 97.60s/it		1251.34	6.40268	8.09906
Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
9/49 7.18218	0G	7.03636			47.9938		68.8913	6.25142	8.11294
	Images	s Target	25 0.0023	P R	mAP@0.5 0.000325	F1: 100	8	1/1 [00:18	3<00:00, 18.14s/it]
Tra	in								
Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
10/49	0G	7.24553	6.49202	26.5989 [01:21<00:00	40.3364 . 81.98s/itl	22	907.962	6.41116	8.09939
7.25528 10/49 7.25528	64: 10	0081	6.49202	26.5989 [01:22<00:00	40.3364 , 82.37s/it]	22	907.962	6.41116	8.09939
Epoch gpu_plane_total	_mem img_size	GIOU e	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
10/49 7.18026	0 G	6.8374	12.4118	26.096	45.3452	25	68.8913	6.24692	8.1136
Class	Images		īs	P R	mAP@0.5 0.000306		& 	1/1 [00:19	0<00:00, 19.62s/it]
Tra	in								
Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
11/49	0G	4.31858	5.65845	24.0863	34.0634	37	1290.49	6.4071	8.09993
7.25352 11/49 7.25352	64: 10	00%	5.65845	24.0863 [01:31<00:00	, 91.01s/it] 34.0634 , 91.45s/it]	37	1290.49	6.4071	8.09993
Test	<u> </u>								
Epoch gpu_plane total	_mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
11/49	0G 64: 10	6.8539	11.5451	24.8625 [00:13<00:00	43.2615	25	68.8913	6.24029	8.11321
7.17675 Class all	Images	s Target	s	P R 0 0	mAP@0.5 0.000151	F1: 100 0	%	1/1 [00:19	0<00:00, 19.79s/it]

								* * *	
Epoch gj	ou_mem GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice	
plane_total 12/49			22.5241	_	31	_	_	_	
7.25257	64: 100%		[01:27<00:00		01	300.030	0.10073	0.0000	
12/49	0G 4.06777	6.27316			31	983.398	6.40679	8.09835	
	64: 100%	1/1	[01:27<00:00	, 87.85s/it]					
'I'6	est								
Epoch gr	ou_mem GIoU	ohi	cle	yolo total	targets	midae loee	nlane hce	nlane dice	
	img size	Cao	CIS	yolo_cocar	cargecs	111143_1033	prane_bce	prane_drce	
12/49	0G 7.20516				25	68.8913	6.23613	8.11327	
	· ————		[00:13<00:00,	_					
	ss Images Taro			mAP@0.5)응 [] [] [] [] [] [] [] []	1/1 [00:18	<00:00, 18.31	.s/it]
a.	.1 9	25	0 0	0.000133	0				
T	ain	-							
	ou_mem GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
plane_total 13/49	img_size 0G 3.84871	6 67/158	22.5499	33 0732	28	800.388	6.39721	8.09754	
7.24738	64: 100%	0.0/430	[01.44<00.00	33.0732 104 129/i+1	20	000.300	0.39721	0.09/34	
13/49	0G 3.84871	6.67458	22.5499	33.0732	28	800.388	6.39721	8.09754	
7.24738	64: 100%	1/1	[01:44<00:00	, 104.60s/it]					
Te	est								
	ou_mem GIoU img size	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	0G 8.03312	10 3648	23 9619	42 3599	25	68.8913	6 23437	8.11322	
7.1738	64: 100%	10.3010	[00:14<00:00,	14.79s/it]	20	00.0313	0.23137	0.11022	
	ss Images Targ			mAP@0.5	F1: 100	18	1/1 [00:20	<00:00, 20.04	ks/it]
a	.1 9	25	0 0	0.000137	0				
T	cain	_							
11	. 4111								
Epoch gr	ou mem GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice	
plane total	- img size	3			3	_	- –		
14/49	0G 7.61 <u>407</u>			41.8684	29	1072.55	6.40425	8.10027	
7.25226	64: 100%								
14/49	0G 7.61407			41.8684	29	1072.55	6.40425	8.10027	
7.25226	64: 100%		[01:31<00:00	, 91.5/s/it]					
Epoch gr	ou mem GIoU	obj	cle	yolo total	tarmets	midas loss	plane hce	plane dice	
	img size	رمی	013	,010_00041	cargees	1442_1033	branc_bce	Pranc_aree	
	~ <u> </u>								

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14/49 7.17346		64:	100			[00]		, 13.64s/it]		25		6.23341	8.1135
	Class 19.43s	Imag	ges	Targets	all	P	R 9	mAP@0.5 25	0	F1: 100	% 	1/1 [00:19	<00:00,
	Class		ges	Targets		Р		mAP@0.5	U		% 		<00:00, 19.70s/it]
	Trai	n											
Epoch		mem			obj		cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
plane_t 15/49 7.24485		0G 64:	100	16675 % 1000 1000	4.86807			32.8018 , 99.91s/it]		20	1084.51	6.3918	8.0979
	gpu_:	mem			obj		cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
15/49		0G _	7.	82551				40.7824		25	68.8913	6.23371	8.11272
7.17321	Class all			Targets	·	_	R	, 10.15s/it] mAP@0.5 0.000226		F1: 100 0	%	1/1 [00:19	<00:00, 19.45s/it]
Epoch plane_t 16/49 7.24501	gpu_: otal	mem img_si 0G	ze 3.	GIoU 88025	5.60958		24.3856	yolo_total 33.8755 , 88.42s/it]			midas_loss	_	plane_dice 8.09695
	Test												
Epoch plane t				GIoU	obj		cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
16/49		0G _	8.	01012				40.3271		25	68.8913	6.22825	8.11199
7.17012	Class			Targets		[00 P		, 14.65s/it] mAP@0.5		F1: 100	응	1/1 [00:18	<00:00,
	19.00s Class		10 C	Targets	all	P	9	25 mAP@0.5	0	0	0.000547	0	<00:00, 19.26s/it]
	Trai	-		-		-	10	M211 GO . 3		11. 100	011	1/1 [00:13	13.203/10]
Epoch	gpu_:			GIoU	obj		cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
plane_t 17/49 7.24051		img_si OG 64:	7.	56179 % 				37.8968 , 84.73s/it]		28	972.08	6.38404	8.09699

Enoch anu	mom	CTOII	oh-i	als	wolo total	targots	midae loss	nlano hoo	nlano dico
Epoch gpu_plane total	ima size	GIOU	Lao	CIS	yolo_total	targets	midas_1088	prane_bce	prane_drce
17/49	OG 7.	.83612	8.82383		39.8074	25	68.8913	6.2283	8.1124
7.17035	64: 100)응	1/1	[00:16<00:00	, 16.28s/it]				
	Images			P R		F1: 100	9	1/1 [00:20	<00:00, 20.0
all	9	25		0 0	0.000196	0			
Trai	n								
Epoch gpu_			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 18/49	img_size 0G 7.		1 19602	22 6550	36.04	21	1435.61	6 20621	8.09972
7.24303						31	1433.01	0.30034	0.09972
, • 2 13 0 3	01. 100	, , ,	1 -/ -	[01:30 (00:00)	, 50.,15,16]				
Test									
Epoch gpu_	mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 18/49			8.35809	22 9975	39.2926	25	68.8913	6.23217	8.11215
7.17216	64: 100)% 	1/1			23	00.0313	0.23217	0.11213
	Images			P R		F1: 100	응	1/1 [00:19	<00:00, 19.1
all	9	25	Ō	0 0	0.000192	0			
Trai	n								
	mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 19/49	img_size 0G	7.66	4.3381	31 700/	43.7075	27	1187 09	6.37924	8.09737
7.2383				[01:38<00:00,		2.1	1107.09	0.0/024	0.05/5/
Test				,					
Epoch gpu	mem	GIoU	obi	cls	yolo total	targets	midas loss	plane bce	plane dice
plane_total _	img_size			_	- –	3	_	_	
19/49		79052	8.22337		38.8	25	68.8913	6.22862	8.11186
7.17024	64: 100			[00:13<00:00		m1 - 100	0.	1 1/1 [00-10	<00.00 10 7
Class	Images 9	Targets 25			mAP@0.5 0.000557	F1: 100 0	0	1 1/1 [00:18	<00:00, 18.7

-28-

37.3998

25

68.8913

F1: 100%| 1/1 [00:18<00:00,

6.21502

8.111

22.266

OG 7.52998

22/49

7.16301

7.60378

Class Images Targets P R mAP@0.5

64: 100%| 1/1 [00:13<00:00, 13.18s/it]

									Thursday, May 6, 2021 11.	I. I S FIVI
18.62s	/it]		all	9	25	0 0	0.000721	0		
Class Trai	Images		S	P R	mAP@0.5	F1: 100	용	1/1 [00:18	<00:00, 18.98s/	/it]
Epoch gpu_ plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
23/49 7.22456		4.03592	3.68009	23.1928 [01:32<00:00	30.9088	22	975.575	6.35321	8.09591	
7.22436 23/49 7.22456 Test	0G 64: 10	4.03592 00% 	3.68009	23.1928 [01:32<00:00	30.9088	22	975.575	6.35321	8.09591	
Epoch gpu_ plane total	mem img size	GIoU e	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
23/49 7.16285	0G -	6.95847 00% 	7.54918	22.1038 [00:13<00:00	36.6114	25	68.8913	6.21472	8.11098	
Class	Images	s Target		P R			୨୦	1/1 [00:20	<00:00, 20.50s/	/it]
Trai	n									
Epoch gpu_ plane total	mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
24/49	0G	7.73216	4.44784			29	1042.05	6.36595	8.10139	
7.23367 24/49 7.23367	64: 10	7.73216 00% 	4.44784	[01:35<00:00 22.5951 [01:36<00:00	34.7751	29	1042.05	6.36595	8.10139	
Test										
Epoch gpu_	mem	GIoU	obj	cls	yolo_total		midas_loss	plane_bce	plane_dice	
Epoch gpu_plane_total	mem img_size	GIoU e 6.49638	7.67779	22.0122	36.1864	targets 25	midas_loss 68.8913	plane_bce 6.21516	plane_dice 8.11116	
Test Epoch gpu_ plane_total	mem img_size 0G 64: 10 Image:	GIOU e 6.49638 D0% #18888 s Target	7.67779 1111 1/1		36.1864 , 11.50s/it]	targets 25	68.8913	6.21516	_	/it]
Epoch gpu_plane_total 24/49 7.16316 Class	mem img_size 0G 6 64: 10 Images	GIoU e 6.49638 00% MARCONI s Target 9 2	7.67779	22.0122 [00:11<00:00 P R	36.1864 , 11.50s/it]	targets 25 F1: 100	68.8913	6.21516	8.11116	/it]
Epoch gpu_plane_total 24/49 7.16316 Class	mem img_size 0G 64: 10 Images	GIOU e 6.49638 00% Target 9 2	7.67779	22.0122 [00:11<00:00 P R 0 0	36.1864 , 11.50s/it]	targets 25 F1: 100 0	68.8913	6.21516 1/1 [00:19	- 8.11116 9<00:00, 19.54s/	/it]

plane_total 25/49 7.16145	img_size 0G 6.	10523 · · · · · · · · · · · · · · · · · · ·	7.66649	21.9193 0:15<00:00	yolo_total 35.6911 , 15.32s/it] mAP@0.5	targets 25 F1: 100	68.8913	6.21175	_
all			0	0		0		-	•
M. a. d									
Trai	LII								
Epoch gpu_ plane total	mem		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	0G 4.		3.85595	22.1467	30.1895	36	1246.48	6.35515	8.09679
7.22597	64: 100	응	1/1 [01	:29<00:00	, 89.51s/it]				
m	_								
Test									
Epoch gpu_	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total			7 05261	21 067	35.4323	25	68.8913	6.21159	8.11153
26/49 7.16156	64: 100	% 	1.95361 1.1/1 [00	1:16<00:00		23	00.0913	0.21139	0.11133
Class	Images	Targets	Р	R	mAP@0.5		응	1/1 [00:20	<00:00, 20.39s/it]
all	9	25	0	0	0.000306	0			
Trai	in								
	L11								
_ ,			1 1	7					
Epoch gpu_ plane total	mem ima size		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
27/49			4.0492	21.334	33.0248	37	917.386	6.35857	8.10222
7.2304					96.20s/it]				
27/49		64166	4.0492		33.0248	37	917.386	6.35857	8.10222
7.2304			1/1 [01:	36<00:00,	96.54s/it]				
165	,								
Epoch gpu_ plane total		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
27/49	0G 5.	63042	7.90237	21.8237	35.3565	25	68.8913	6.20797	8.11137
7.15967	64: 100	%		:13<00:00	, 13.45s/it]				
Class		Targets	P		mAP@0.5		%	1/1 [00:20	<00:00, 20.23s/it]
all	9	25	0	Û	0.000305	0			
Trai	in								
Epoch gpu	mem	GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
	_		-		_	-	_	_	_

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	28/49	img_size OG 7.65969 64: 100%		21.2235 32.7635 30<00:00, 90.14s/it		1048.61	6.34469	8.09787
	28/49 7.22128		3.88028	21.2235 32.7635	29	1048.61	6.34469	8.09787
	plane_total			_		midas_loss	_	_
		64: 100%	1/1 [00:3	21.7809 35.3208 L2<00:00, 12.61s/it	.]		6.20833	
		s/it]	all	R mAP@0.5 9 25	0	0% 0	0	
	Class	3	s P	R mAP@0.5	F1: 10	0%	1/1 [00:19	<00:00, 19.01s/it]
	Tra	in						
		_mem GIoU	obj	cls yolo_total	. targets	midas_loss	plane_bce	plane_dice
		1mg_size 0G 3.88689 64: 100%		22.4796 30.2064 29<00:00, 89.15s/it		884.022	6.35465	8.10042
	Test	t						
	Epoch gpu_plane total		obj	cls yolo_total	targets	midas_loss	plane_bce	plane_dice
		0G 5.6 <u>8929</u>		21.7263 35.2348 0<00:00, 10.81s/it]		68.8913	6.20627	8.11133
	Class	Images Target		R mAP@0.5 0 0.000294		0%	1/1 [00:19	<00:00, 19.78s/it]
	Tra	in						
	Epoch gpu	_mem GIoU	obj	cls yolo_total	targets	midas_loss	plane_bce	plane_dice
	plane_total 30/49	0G 4.11435		21.7736 30.5274		1062.74	6.33848	8.09837
	7.21842	64: 1008		30<00:00, 90.71s/it	.]			
	100							
	Epoch gpu_plane total	_mem GIoU img size	obj	cls yolo_total	targets	midas_loss	plane_bce	plane_dice
	30/49 7.15759	0G 5.79908 64: 100%		21.6617 35.1232 14<00:00, 14.82s/it		68.8913	6.20391	8.11126
	Class			R mAP@0.5		0%	1/1 [00:19	<00:00, 19.56s/it]

<u></u>	all		9	25	0	0	0.000299		0			,,
	Trai	in										
Epoc			GIoU	0]	oj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
31/4	9	img_si 0G	4.10087				27.5461		22	1057.7	6.33443	8.09759
7.21 31/4 7.21	9	0G 64:	4.10087 100%	3.072	12	20.3731	95.23s/it] 27.5461 95.63s/it]		22	1057.7	6.33443	8.09759
Epoc plan	ch gpu_ ne total	_mem img si		0]	oj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
31/4		0G _	5.83686			21.5991	34.8272 , 10.03s/it]		25	68.8913	6.19875	8.11109
7.15	Class	Imag		gets	/	R	mAP@0.5		F1: 100	% 	1/1 [00:19 0	<00:00,
	19.20s Class	Imac Imac	ges Tar	all gets	P	9 R	25 mAP@0.5	0	F1: 100		-	<00:00, 19.51s/it]
	Trai	in		· -								
Epoc	:h apu	mem	GIoU	J ol	oj	cls	volo total		targets	midas loss	plane bce	plane dice
_	e_total -				_	21.5972	_		26	1325.98	6.33758	8.10165
							95.12s/it]		20	1323.90	0.33730	0.10103
	Test	<u> </u>										
Epoc	ch gpu_ ne total	_mem img si	GIol	0]	oj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
32/4	9	0G _	5.9116				34.7295		25	68.8913	6.20148	8.11141
7.15	Class		100% Tar ges Tar 9	rgets 25	71 [UC P O	R	13.65s/it] mAP@0.5 0.000162		F1: 100 0	응	1/1 [00:19	<00:00, 19.60s/it]
	Trai	in										
Epoc		_mem 		J 0]	oj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice
33/4		0G	10.1985				35.3695		25	1126.38	6.33224	8.09879
33/4	9	0 G	10.1985	3.514	23	21.6568	35.3695 84.76s/it]		25	1126.38	6.33224	8.09879
	Test				[]]							

plane_total 33/49 7.15761 Clas	img_size 0G 6.07832 64: 100%	7.02515 21.	5869 34.6903 00:00, 12.86s/it] R mAP@0.5	targets midas_loss 25 68.8913 F1: 100%	
		obj	cls yolo_total	targets midas_loss	plane_bce plane_dice
34/49	img_size 0G 3.90477 64: 100%		1224 30.1857 0:00, 82.57s/it]	34 1085.34	6.33971 8.10089
	st				
plane total	_ img size	obj	cls yolo_total	targets midas_loss	plane_bce plane_dice
	0G 6.15153 64: 100%		5868 34.6148 (00:00, 13.29s/it)	25 68.8913	6.19843 8.11207
Clas	s Images Target 8s/it]	.s P	R mAP@0.5 25	F1: 100% 0.000162	1/1 [00:17<00:00, 0
Clas	-		R mAP@0.5		1/1 [00:18<00:00, 18.39s/it]
Tr	ain				
Epoch gp	ou_mem GIoU img size	obj	cls yolo_total	targets midas_loss	plane_bce plane_dice
35/49	0G 4.00887 64: 100%	3.25948 21.	9204 29.1887	29 852.513	6.33227 8.09886
35/49 7.21556	0G 4.00887 64: 100%	3.25948 21.	9204 29.1887	29 852.513	6.33227 8.09886
	ou_mem GIoU img size	obj	cls yolo_total	targets midas_loss	plane_bce plane_dice
35/49	0G 6.2078		6012 34.6608	25 68.8913	6.1948 8.11207
	64: 100% Target Images Target 9 2	.s P	R mAP@0.5 0 3.74e-05	F1: 100%	1/1 [00:20<00:00, 20.79s/it]

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new 6												Thursday, May 6, 2021 11:13 PM
	Epoch plane t		_mem img s	1170	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	36/49	.Otal	0G		.89726	4.73973	22.7326	31.3696	40	1377.76	6.32107	8.09773
	7.2094						[01:31<00:00,		10	1077.	0.0210	0.03770
		Test	ī									
	Epoch	apu	mem		GIoU	obi	cls	volo total	targets	midas loss	plane bce	plane dice
	plane_t	otal	img_s					_		_	_	_
	36/49 7.14983	}	0G 64:	6 100	.19078 0% 	7.04796	[00:14<00:00	34.8694), 14.81s/it]	25	68.8913	6.18777	8.11188
		Class	Ima		Targets		P R	mAP@0.5		응		<00:00,
		18.37s Class		ares	Targets	all	9 P R	25 mapan 5		3.74e-05	0 1/1 [00:18	<00:00, 18.61s/it]
		01455	11110	iges	1419000		1	11111 (0 • 0	11. 100		1 1/1 [00:10	10.015, 10]
		Tra:	in									
	Epoch	gpu	mem		GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
	plane_t	otal	img_s					_		_	_	_
	7.21016						20.9445 [01:34<00:00		26	868.796	6.32115	8.09918
	7.21010	,	01.	. 100	J 0 1		01.007.00	, 54.713/10]				
		Test	E									
	Epoch	gpu	mem		GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
	plane_t	otal	img s	size				_		_	_	_
	37/49 7 14987	,	0G 64 •	6 100	.25681	6.90272	21.5981 [00:12<00:00	34.7576). 12 51s/i+1	25	68.8913	6.18791	8.11182
	7.11507	Class						mAP@0.5	F1: 100	응 	1/1 [00:19	<00:00, 19.59s/it]
		all		9	25	i	0 0	3.74e-05	0			
		Tra	in									
					QT 11	, ,	,				1 1	7
	Epoch plane t		_mem imas	size	GIoU	obj	CIS	yolo_total	targets	midas_loss	plane_bce	plane_dice
	38/49		0G _	6	.96144		22.6911		31	1164.18	6.32585	8.10178
	7.21382		64: 0G		0왕 세월 14 .96144		[01:31<00:00), 91.99s/it] 35.1607	31	1164 10	6 22505	0 10170
	38/49 7.21382					5.50821 1/1	[01:32<00:00		31	1164.18	6.32585	8.10178
						1 1/1	[01,01,00	,, 32.000, 10]				
	Epoch	anii	mem		GIoU	obj	ala	yolo total	targets	midas loss	nlane hoo	nlane dice
	plane t		_mem img s				CIS	yoro_cocar	cargets	1002_1035	brane_pce	LTauc_arce
	38/49		0G _	6	.29168		21.5446		25	68.8913	6.18643	8.11169
	7.14906)	64:	100	0%	1/1	[00:12<00:00), 12.92s/it]				

								Thursday, May 6, 2021 11:13 PM
Class all	Images 9		P 0	R mAP@0. 0 0.00014		0%	1/1 [00:19	<00:00, 19.56s/it]
Trai	.n							
Epoch gpu_ plane total			obj	cls yolo_to	tal targets	midas_loss	plane_bce	plane_dice
39/49	0G 7.			32.2 00:00, 108.10		1105.32	6.31446	8.09958
Test	;							
Epoch gpu_plane total			obj	cls yolo_to	tal targets	midas_loss	plane_bce	plane_dice
39/49	0G 6. 64: 100	.25657 6.83 D%	1/1 [00:13<0	0:00, 13.25s	/it]		6.1908	8.1117
Class all	Images 9		P 0	R mAP@0. 0 0.00014		0%	1/1 [00:19	<00:00, 19.70s/it]
Trai	.n							
Epoch gpu_plane total	mem img size		obj	cls yolo_to	tal targets	midas_loss	plane_bce	plane_dice
40/49	0G - 7.	.13299 3.41		.009 31.6 00:00, 105.10		976.939	6.31599	8.10235
40/49	0G 7. 64: 100	.13299 3.41 D%	939 21.1	31.6 00:00, 105.48	533 34	976.939	6.31599	8.10235
	,							
Epoch gpu_plane total	mem		obj	cls yolo_to	tal targets	midas_loss	plane_bce	plane_dice
40/49	0G - 6	6.2301 6.87 D%		1778 34.5		68.8913	6.19038	8.11148
Class all		Targets	P	R mAP@0. 0 0.0001	5 F1: 10	0%	1/1 [00:19	<00:00, 19.70s/it]
Trai	.n							
Epoch gpu_	-	GIoU	obj	cls yolo_to	tal targets	midas_loss	plane_bce	plane_dice
plane_total 41/49 7.20508	img_size 0G 4. 64: 100	.06275 3.68		28.2 00:00, 88.53s		1114.17	6.31202	8.09815
Test	;							

Epoch gpu_mem GIoU obj cls yolo_total target: plane_total img_size	s midas_loss plane_bce plane_dice
plane total ind size	
41/49 OG 6.1927 6.89782 21.4428 34.5333 25	5 68.8913 6.19183 8.11151
7.15167 64: 100%	00% 1/1 [00:20<00:00, 20.14s/it]
Train	
Epoch gpu_mem GIoU obj cls yolo_total target:	s midas_loss plane_bce plane_dice
plane_total img_size 42/49 0G 3.8433 4.41261 21.8202 30.0761 29 7.20749 64: 100%	9 1268.83 6.31337 8.10161
Test	
Epoch gpu_mem GIoU obj cls yolo_total target: plane total img size	s midas_loss plane_bce plane_dice
42/49 OG 6.19894 6.91165 21.4443 34.5549 25	68.8913 6.18761 8.11144
7.14952 64: 100% 7.14952 64: 100% 100:15<00:00, 15.76s/it] Class Images Targets P R mAP@0.5 F1: 10	00% 1/1 [00:19<00:00, 19.92s/it]
all 9 25 0 0.000113 0	
Train	
Epoch gpu_mem GIoU obj cls yolo_total target: plane total img size	s midas_loss plane_bce plane_dice
43/49 OG 4.04238 2.82218 21.6347 28.4992 2	7 935.775 6.29333 8.09746
7.19539 64: 100% 1/1 [01:28<00:00, 88.84s/it]	
Test	
Epoch gpu_mem GIoU obj cls yolo_total target: plane total img size	s midas_loss plane_bce plane_dice
43/49 0G 6.15335 7.05825 21.4192 34.6308 25	68.8913 6.18564 8.11099
7.14831 64: 100% 7.14831 64: 100% 100% 100% 100% 100% 100% 100% 100	00% 1 1 1 1 1 1 1 1 1
all 9 25 0 0.000115 0	
Train	
	s midas_loss plane_bce plane_dice
plane_total img_size 44/49 0G 8.99096 3.02245 22.3808 34.3943 20	989.488 6.29549 8.09932

											Thursday, May 6, 2021 11:	13 PM
7.19741		64:	100%	1/1	[01:35<00:00	, 95.48s/it]						
44/49		0G	8.99096	3.02245		34.3943		20	989.488	6.29549	8.09932	
7.19741				1/1	[01:35<00:00	, 95.85s/it]						
	Test											
Epoch		mem		obj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice	
plane_to				6 07004	01 2640	24 5040		٥٦	60 0010	6 10064	0 11117	
44/49 7 14691			6.16089 100%	6.97924 1 1/1	21.3648 [00:14<00:00	34.5049 . 14 48s/i+1		25	68.8913	6.18264	8.11117	
, • 1 1031	Class	Imag			P R			F1: 100	8	1/1 [00:19	<00:00,	
	19.79s	_	_	all	9	25	0	-	0.000115	0		
	Class	Imag	es Target	S	P R	mAP@0.5		F1: 100 ⁹		1/1 [00:20	<00:00, 20.07s/	it]
	Trai	n										
Epoch	gpu :	mem	GIoU	obj	cls	yolo total		targets	midas loss	plane bce	plane dice	
plane_to	otal	img_si	ze			_			_	_	_	
45/49			7.34316	2.95741				17	951.944	6.2918	8.09855	
7.19518		64:	100%	1/1	[01:26<00:00	, 86.048/10]						
	Test											
Epoch	gpu :	mem	GIoU	obj	cls	yolo total		targets	midas loss	plane bce	plane dice	
plane_to						_		2	_		_	
45/49		0G				34.1378		25	68.8913	6.17807	8.11148	
7.14477	Class		100% Target		[00:13<00:00 P R	, 13.86s/it] mAP@0.5		E1. 100°	2.	. 1/1 [00.17	<00:00, 17.65s/	/ + 1
	all	Illiag		.s :5		0.000126		0	0	1/1 [00.1/	<00.00 , 17.035/	I()
	Trai	n										
Epoch	gpu_:		GIOU	obj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice	
plane_to 46/49	JLai	0G	7.21297	4.22848	21.7613	33.2028		37	1029.79	6.29153	8.09858	
7.19505		64:			[01:42<00:00					******		
	T_St											
	1000											
Epoch			GIoU	obj	cls	yolo_total		targets	midas_loss	plane_bce	plane_dice	
plane_to 46/49	otal	img_si 0G	.ze 6.20884	6.75133	21 2161	34.1763		25	68.8913	6.17919	8.11124	
7.14522			100%		[00:17<00:00			20	00.0010	0.1/010	O • 11121	
	Class	Imag	es Target	S	P R	mAP@0.5				1/1 [00:21	<00:00,	
	21.29s	_		all	9	25	0		0.000127	0	Z00.00 01 70-/	/ 4 + 1
	Class	ımag	es Target	.5	P R	mAP@0.5		t1: 100;	6	1 1/1 [00:21	<00:00, 21.78s/	IL]

Tra:	in								
Epoch gpu plane total	_mem img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
47/49	0G3	.9458			28.939	31	1156	6.29725	8.10106
47/49	0G 3	.9458	2.84729	22.1459		31	1156	6.29725	8.10106
7.19916 Test			1/1 [01:32<00:00,	92.99s/it]				
Epoch gpu_			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 47/49 7.14066	0G - 6.	19994			34.0589	25	68.8913	6.17023	8.11109
Class	Images 9	Target		R	mAP@0.5 0.000128	F1: 100 0	%	1/1 [00:20	<00:00, 20.67s/it
Tra:	in								
Epoch gpu	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 48/49 7.19255	0G - 3.	89281			27.8768 92.88s/it]	34	1085.35	6.28474	8.10036
Test	<u> </u>								
Epoch gpu			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 48/49 7.1418	0G 6.	22701				25	68.8913	6.17202	8.11158
7.1418 Class all	Images	Target		R	mAP@0.5	F1: 100	응	1/1 [00:17	<00:00, 17.78s/it
Tra:	in								
-	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 49/49	0G 3.	85236	4.15233	20.778	28.7827	27	1449.61	6.2772	8.09747
7.18734				01:31<00:00,	YI.UIS/IT]				
Test	<u> </u>								
Epoch gpu	_mem	GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice

Thursday, May 6, 2021 11:13 PM

```
new 6
     plane total img size
              OG 6.25003 6.80064 21.1498
     49/49
                                                34.2004
                                                              25
                                                                   68.8913
                                                                             6.1732
                                                                                     8.11147
     7.14234 64: 100%| 1/1 [00:14<00:00, 14.54s/it]
                Images Targets P R mAP@0.5
                                                           F1: 100% | 1/1 [00:18<00:00, 18.50s/it]
           Class
                      9
                            2.5
            all
                                     0
                                           0 0.000129
Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 100% | 100% | 9/9 [00:00<?, ?it/s]
Img size = 256
Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 100%| 9/9 [00:00<00:00, 576.16it/s]
Caching images (0.0GB): 100%| 9/9 [00:00<00:00, 9.60it/s]
Starting training for 50 epochs...
-----Train-----
                               obj cls yolo total targets midas loss plane bce plane dice
     Epoch
            apu mem
                       GIoU
                img size
     plane total
      0/49
                0G
                      6.90458
                               3.78366 65.625
                                                76.3133
                                                              2.8
                                                                    1120.6
                                                                            6.28555
                                                                                     8.10114
      7.19335
                64: 100%|
                              | 1/1 [02:59<00:00, 179.82s/it]
                                                              28
      0/49
                0 G
                      6.90458
                               3.78366
                                        65.625
                                                                    1120.6 6.28555
                                                                                     8.10114
      7.19335
                 64: 100%|
                             | 1/1 [03:00<00:00, 180.13s/it]
   -----Test-----
     Epoch
           gpu mem GIoU
                               obj cls yolo total targets midas loss plane bce plane dice
     plane total img size
      0/49
                    7.34157 6.7378 73.1857 87.2651
                                                              25
                                                                    109.27 6.16922
                                                                                     8.10945
      7.13933 64: 100%| 3.100%| 1/1 [00:40<00:00, 40.47s/it]
           Class Images Targets P R mAP@0.5
                                                           F1: 100%| 1/1 [00:34<00:00, 34.52s/it]
                            25
            all
                                   0
                                          0 0.00012
    -----Train-----
     Epoch
            gpu mem GIoU
                                obj cls yolo total targets midas loss plane bce plane dice
     plane total img size
                      6.95868
                             3.33037 78.6015 88.8905
     1/49
                                                              34
                                                                   986.011 6.28143
                                                                                     8.09843
                 64: 100%| 1/1 [04:14<00:00, 254.47s/it]
      7.18993
   -----Test-----
                              obj cls yolo total targets midas loss plane bce plane dice
     Epoch
                   GIoU
            gpu mem
     plane total img size
     1/49
      1/49 0G 7.17123 6.95997 69.8852 84.0164
7.13222 64: 100%| 1/1 [00:34<00:00, 34.26s/it]
                                                              25
                                                                    109.27 6.15564
                                                                                      8.1088
           Class Images Targets P R mAP@0.5
                                                           F1: 100%| 1/1 [00:38<00:00, 38.88s/it]
                                 0
            all
                  9
                            25
                                       0 0.000115
                                                           0
```

-----Train-----

_									
Epoch gpu plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	0G 6	.50058	5.5935 1/1 [81.062 , 206.69s/it]	41	805.174	6.28394	8.09826
Tes	t								
Epoch gpu			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
2/49	0G 7	.05874	7.68199	65.7253	80.466	25	109.27	6.13959	8.10822
7.1239 Class all	Images	Target		R	mAP@0.5 0.000108	F1: 100	%	1/1 [00:40	<00:00, 40.26s
Tra	in								
			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 3/49 7.18721	0G 6	.85504	4.79135		80.9724 0, 202.37s/it]	39	746.398	6.27554	8.09888
·Tes	t								
Epoch gpu	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
Epoch gpu plane_total 3/49	_mem img_size 0G 6	GIoU .98517	8.11333	62.2267	77.3252	targets 25	_	plane_bce 6.13183	_
Epoch gpu	_mem img_size 0G 6 64: 10 Images	GIOU .98517 0% Target	8.11333	62.2267 (00:40<00:00	77.3252		109.27	6.13183	8.10758
Epoch gpu plane_total 3/49 7.1197 Class	_mem img_size 0G 6 64: 10 Images	GIoU .98517 0% Target	8.11333 1/1 [62.2267 (00:40<00:00	77.3252 , 40.40s/it] mAP@0.5	25 F1: 100	109.27	6.13183	8.10758
Epoch gpu plane_total 3/49 7.1197 Class allTra	_mem img_size 0G 6 64: 10 Images 9 in	GIoU .98517 0% Target 2	8.11333 1/1 1/1 1/2 1/	62.2267 (00:40<00:00 R 0 0	77.3252 , 40.40s/it] mAP@0.5	25 F1: 100 0		- 6.13183 1/1 [00:39	- 8.10758 <00:00, 39.99s
Epoch gpu plane_total 3/49 7.1197 Class all Epoch gpu plane_total 4/49 7.18173	_mem	GIOU .98517 0% Target 2 GIOU 6.5004	8.11333 1	62.2267 (00:40<00:00 R 0 0	77.3252 , 40.40s/it] mAP@0.5 0.000106	25 F1: 100 0		6.13183 1/1 [00:39	8.10758 <00:00, 39.99s plane_dice
Epoch gpu plane_total 3/49 7.1197 Class allTra Epoch gpu plane_total 4/49	_mem	GIOU .98517 0% Target 2 GIOU 6.5004	8.11333 1	62.2267 (00:40<00:00 R 0 0	77.3252 , 40.40s/it] mAP@0.5 0.000106 yolo_total 76.2644 0, 228.73s/it]	25 F1: 100 0 targets 41	109.27	- 6.13183 1/1 [00:39 plane_bce 6.26696	8.10758 <00:00, 39.99s plane_dice 8.09649
Epoch gpu plane_total 3/49 7.1197 Class all Epoch gpu plane_total 4/49 7.18173 Tes	_mem	GIOU .98517 0% Target 2 GIOU 6.5004 00% GIOU	8.11333 1	62.2267 (00:40<00:00 R 0 0	77.3252 , 40.40s/it] mAP@0.5 0.000106 yolo_total 76.2644	25 F1: 100 0 targets 41		- 6.13183 1/1 [00:39 plane_bce 6.26696	8.10758 <00:00, 39.99s plane_dice
Epoch gpu plane_total 3/49 7.1197 Class all Epoch gpu plane_total 4/49 7.18173 Tes	_mem	GIOU .98517 0% Target 2 GIOU 6.5004 00% GIOU	8.11333 1/1 1/1 1/2 1	62.2267 (00:40<00:00 R 0 0 cls 60.9659 [03:48<00:0	77.3252 , 40.40s/it] mAP@0.5 0.000106 yolo_total 76.2644 0, 228.73s/it]	25 F1: 100 0 targets 41	109.27	- 6.13183 1/1 [00:39 plane_bce 6.26696	8.10758 <00:00, 39.99s plane_dice 8.09649

									Thursday, May 6, 2021 11:13 P	Μ
7.11749 Class all	64: 1009 Images 9	Targets 25	1/1 P 0	R	0, 42.15s/it] mAP@0.5 0.000106	F1: 100	%	1/1 [00:43	<00:00, 43.13s/it]
Trai	n									
Epoch gpu_ plane total	-	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
5/49 7.18486	0G 6.3		.87215 1/1	70.0157 [04:01<00:0	81.2583 0, 241.93s/it]	31	1144.83	6.27017	8.09956	
Test										
Epoch gpu_ plane total	-	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
5/49 7.11376	0G 6.70		.35659 ■। 1/1		70.5672 0, 36.91s/it]	25	109.27	6.12058	8.10693	
Class			P 0	R	mAP@0.5	F1: 100 0	%	1/1 [00:40	<00:00, 40.29s/it]
Trai	n									
Epoch gpu_ plane total	-	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
6/49			.38035 1/1		66.0052 0, 211.14s/it]	29	1079.77	6.26617	8.09846	
Test										
Epoch gpu_ plane total	mem (img size	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
6/49	0G 6.66		.32462		67.3143	25	109.27	6.11802	8.10697	
7.11249 Class all		Rargets 25	P 0	R	0, 34.63s/it] mAP@0.5 9.34e-05	F1: 100 0	%	1/1 [00:40	<00:00, 40.79s/it]
Trai	n									
Epoch gpu_		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
plane_total 7/49			.98033	53.7213	64.2333	33	1409.09	6.26272	8.09823	
7.18047 7/49 7.18047			.98033	53.7213	0, 229.29s/it] 64.2333 0, 229.68s/it]	33	1409.09	6.26272	8.09823	
Test										

			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 7/49			9.10397	48.5852	64.2749	25	109.27	6.11652	8.107
7.11176					0, 42.01s/it]				
					mAP@0.5	F1: 100	응	1/1 [00:37	<00:00, 37.77
all	9	25	0	0	8.93e-05	0			
Tra	in								
Epoch gpu			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 8/49	img_size		3 38002	12 3917	52.5284	32	1325.12	6.26445	8.10023
					0, 274.34s/it]	32	1323.12	0.20443	0.10023
, • 10201	01. 10			01.01.00.0	0, 2,1.010,10]				
Tes	t								
Epoch gpu	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size		0 50000	46 5066	60.0004	0.5	100.00		0.40504
8/49	UG 6.	.57719	8.70963	46.7966	62.0834 0, 30.68s/it]	25	109.27	6.11929	8.10724
	Images			00:30<00:0 R		F1: 100	2 	1 1/1 [00:27	<00:00, 27.12
all		25			8.82e-05	0	o	1 1/1 [00.27	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Epoch gpu plane_total 9/49					yolo_total 53.8113	targets	_	_	_
7 10201	61. 10				0, 215.54s/it]				
9/49	0G 7.	.14083	2.45215		53.8113	30	1139.6	6.26518	8.1005
7.18284 Tes			1/1 [03:36<00:0	0, 216.32s/it]				
Epoch gpu	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 9/49		.58483	8.2617	45.6351	60.4817	25	109.27	6.1233	8.1076
7.11545		00% 			0, 30.82s/it]	2.5	107.21	0.1233	0.1070
Class			P		mAP@0.5	F1: 100	% 	1/1 [00:34	<00:00, 34.09
all	=	_	0		8.57e-05	0		• • • • • • • • • • • • • • • • • • •	
	i								
Tra	ın								
	_mem	GIoU	obj	a.1 -	yolo total	h.a.u.u.a.b	midas loss	mlana har	plane dice

new 6										Thursday, May 6, 2021 11:13 PM
	10/49		6.33319		40.9388 [03:31<00:00,		25	1159.16	6.27381	8.10365
	Test									
	Epoch gpu_ plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	10/49 7.11597	0G _	6.57212					109.27	6.12406	8.10787
		Imag	es Targets	3		mAP@0.5 25 0	F1: 100	% 8.38e-05	1/1 [00:29 0	<00:00,
	Class	Imag	es Targets			mAP@0.5		응	1/1 [00:29	<00:00, 29.71s/it]
	Trai	n								
	Epoch gpu_ plane_total	img_si	ze							
	11/49 7.18008	0G 64:	6.40719 100%	4.05141 1/1	40.4473 [03:39<00:00,	50.9059 219.51s/it]	34	1101.07	6.26116	8.099
	Test									
	Epoch gpu_ plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	11/49 7.11688	0G _	6.54509				25	109.27	6.12596	8.1078
	Class all		es Targets 9 25		P R 0	mAP@0.5 8.2e-05	F1: 100 0	응	1/1 [00:30	<00:00, 30.74s/it]
	Trai	.n								
	Enoch		CTOH	oh-	ala		t 2 mm a t a	midaa laga	nlana haa	nlana di ca
	plane total	img si	ze			yolo_total		_	_	_
	12/49 7.17983	0G 64:	6.79971 100%	2.62552	40.3684	49.7936 222.09s/it]	34			
	12/49 7.17983	0G 64:	6.79971 100%	2.62552	40.3684 [03:44<00:00,	49.7936	34	1096.48	6.25665	8.10301
	Test									
			GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	plane_total 12/49 7.11813	0G _	6.52845		44.558 [00:29<00:00,		25	109.27	6.12843	8.10782
			es Targets			mAP@0.5	F1: 100	용	1/1 [00:31	<00:00, 31.48s/it]

	all		9	25	0 0	4.72e-05	0			
	Trai	n								
Epoch	apu	mem	GIo	U ob	i cls	yolo total	targets	midas loss	plane bce	plane dice
plane_t	otal [—]	img s	ize			_		_	_	_
13/49			6.6959			49.4171), 231.91s/it]		1054.25	6.26062	8.10224
7.18143		64:	100%		1 [03:51<00:00), 231.91S/IL]				
	Test			-						
				U obj	j cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_t	otal	img_s:	ize	- 7 FEOF	2 44.4953	EO CO14	2.5	100 27	C 12120	0 10707
					[00:31<00:00,		25	109.27	6.13132	8.10787
, • 1130	Class		ges Ta:			mAP@0.5	F1: 100	8	1/1 [00:34	<00:00, 34.30
	all	•	9		0 0		0		-	
	Trai	n								
Epoch plane t			GIO	U ob:	j cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
14/49			6.6053	1 2.8533	3 42.9596	52.4182	29	1037.26	6.25002	8.10168
), 191.66s/it]				
	Test			_						
Enach	CT0.13	m o m	CTO	II ob			+ 2 2 2 2 4 2	midaa laaa	nlana haa	nlana di sa
Epoch plane t	otal	mem ima si	GIo ize	0 00) CIS	yolo_total	targets	midas_1088	prane_bce	prane_drce
14/49		0G _	6.5929	5 7.1107	8 44.566	58.2697	25	109.27	6.12873	8.10811
7.11842					1 [00:25<00:00), 25.67s/it] mAP@0.5	m1. 100	0.	li 1/1 [00.05	<00:00, 27.09
	all					4.81e-05		75		<00.00 , 27.09
	Trai	n								
Enoch	anii	mem	GIo	U obj	i ala	yolo total	targets	midas loss	nlane hoo	plane dice
Epoch plane t	gpu_ otal	img s			CIS	yoro_cocar	cargecs	midas_1055	brane_nce	Prane_dree
15/49	-	0G	6.4192				18	1046.42	6.25791	8.10214
		64:), 230.18s/it]			_	
7.18003					3 36.986	45.9328	18	1046.42	6.25791	8.10214
7.18003 15/49 7.18003		0G	6.4192			73.9326), 232.38s/it]	10	1010.12	0.23731	0.10214

new 6													Thursday, May 6, 2021 11:13 PM	J
	Epoch plane t	gpu_ otal		ze	GIoU	0	bj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	15/49		0G	6.	69195 % 	6.660		44.5166 [00:39<00:00	57.8689 , 39.46s/itl	25	109.27	6.12671	8.10822	
		Class all			Target			P R	mAP@0.5 0.000116	F1: 100 0	9용 대표	1/1 [00:29	0<00:00, 29.73s/it]	
		Trai	_n											
	Epoch plane to		_mem img si		GIoU	0	bj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	16/49 7.17476		0G _	6.				38.6714 [04:10<00:00		33	1130.59	6.2496	8.09992	
	16/49 7.17476		0G 64:	6.	82103 응 	2.677	03		48.1695	33	1130.59	6.2496	8.09992	
	Epoch		_mem		GIoU	0	bj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
			0G _	6.		6.278		45.0924 [00:35<00:00	58.2398	25	109.27	6.1296	8.10844	
	7.11902	Class all			Target				mAP@0.5) 응	1/1 [00:28	3<00:00, 28.68s/it]	
		Trai	_n											
	Epoch	gpu_		7.0	GIoU	0	bj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	plane_te 17/49 7.17495			6.	62648 %			40.2852 [03:40<00:00	49.6353 , 220.76s/it		1232.32	6.2484	8.10149	
		Test	;											
	Epoch plane to	gpu_			GIoU	0	bj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	17/49		0G _	6.	87067			46.6842		25	109.27	6.13604	8.10848	
	7.12226	Class all			१। विकास Target 2		/ 1		mAP@0.5 6.62e-05	F1: 100	8	1/1 [00:30	0<00:00, 30.84s/it]	
		Trai	_n											
	Epoch plane to	gpu_	_mem img si	76	GIoU	0	bj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	18/49	JCUI	0G		26247	2.918	13	42.0677	51.2483	24	985.868	6.23873	8.0984	

									• • • •	
7.16856	64:	100%	1/1	[03:37<00:00	, 217.14s/it]					
Test	t									
Epoch gpu	mem	GIoU	obi	cls	yolo total	targets	midas loss	plane bce	plane dice	
plane total			2		- –	2	_	_	- –	
18/49		6.26247	2.91813	42.0677	51.2483	24	985.868	6.23873	8.0984	
7.16856	64:	100%	1/1	[03:38<00:00	, 218.29s/it]					
18/49	0 G	6.96314	6.098	47.9091	60.9703	25	109.27	6.13903	8.10871	
7.12387	64:	100%	1/1	[00:39<00:00						
Class	Imag	ges Targ	ets	P R	mAP@0.5	F1: 100	응	1/1 [00:36	<00:00, 36.05s	/it]
all		9		0 0	0.00011	0				
Tra:	in									
Epoch gpu			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
plane_total			0 00015	00 1115	45 400		006 000	6 000140	0 10010	
		6.75107			47.102		886.978	6.23748	8.10042	
7.16895	64:	100%	1/1	[03:53<00:00	, 233.68s/it]					
Tes										
163	<u></u>									
Epoch gpu			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
plane_total										
19/49						25	109.27	6.13919	8.10857	
7.12388				[00:28<00:00						
	Imag				mAP@0.5		%	1/1 [00:40	<00:00, 40.16s	/1t]
all		9	25	0 0	0.000109	0				
Tra	in									
Epoch gpu	_mem	GIoU	ohi	cls	yolo total	targets	midas loss	nlane bce	plane dice	
plane total	_mam ima si		0~)	010	1010_0000	0419000		P = 0.110_200	pramo_aroo	
20/49			3.04356	40.8907	50.4205	27	935.425	6.24446	8.10095	
7.1727	64: 1	.00%	1/1	[04:06<00:00,	246.54s/it]					
Tes	t									
	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
plane_total	img_si									
20/49	0G	7.11175	5.59246		58.1011	25	109.27	6.13971	8.10892	
7.12432		100%		[00:35<00:00						
Class	_	-		P R	mAP@0.5	F1: 100	% 1 1 1 1 1 1 1 1 1 	1/1 [00:39	<00:00, 39.83s	/1t]
all		9	25	0 0	0.000107	0				
Tra	in									
iia.										

Epoch gpu_			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
plane_total 21/49	OG IMG_SI		2.87791	36.1533	45.5674	29	779.048	6.22734	8.09756	
7.16245	64:	100%								
Test	t									
			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
	0G	6.53619		36.1533		29	779.048	6.22734	8.09756	
7.16245	64:	100%	1/1	[03:33<00:00	, 213.47s/it]					
21/49	0G	7.12815	5.31442	43.7695		25	109.27	6.14099	8.10936	
7.12518		100% res Target			, 33.//s/it] mAP@0.5	E1. 100	Q 	1 1/1 [00.20	0<00:00, 39.4	00/:+1
all					6.2e-05			1 1/1 [00.59	7,00.00, 39.4	05/10]
Tra	ın									
Epoch gpu	mem	GIoU	obi	cls	volo total	targets	midas loss	plane bce	plane dice	
plane_total -	img_si	ze			_		_		- –	
					53.1237	38	1255.6	6.23558	8.10138	
7.16848	64:	100%	1/1		, 208.97s/it]	2.0	1055	6 02550	0 10120	
22/49 7.16848	0G 61•	6.39813	3.61977		53.1237	38	1255.6	6.23558	8.10138	
Test			1 1/1	[03.30 (00.00	, 210.200,10]					
Epoch gpu	mem	GIoU	ohi	cls	yolo total	targets	midas loss	plane bce	nlane dice	
plane total				CID	y010_c0ca1	cargees	111445_1055	pranc_bee	prane_aree	
22/49 7.12588	0G -	7.09521	5.26682	42.6169	54.9789	25	109.27	6.14192	8.10985	
7.12588	64:	100%	1/1	[00:37<00:00	, 37.90s/it]					
		res Target			mAP@0.5		8	1/1 [00:37	<00:00, 37.5	2s/it]
all		9 2	25	0 0	6.22e-05	0				
Tra	in									
Epoch gpu plane total	_mem img si	GIOU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice	
23/49	0G	6.59404	2.45255	37.2786	46.3252	29	933.738	6.22648	8.09831	
7.1624	64: 1			[03:08<00:00,						
Test	:									
Epoch gpu	mom	GIoU	obj	010	yolo total	tarco+c	midas loss	nlano hoo	plane dice	
plane total	_mem img si		Cao	CIS	yoro_cocar	targets	mituas_1088	brane_pce	brane_arce	
23/49	0G	6.59404	2.45255	37.2786	46.3252	29	933.738	6.22648	8.09831	

								Thursday, May 6, 2021 11:13 PM
7.1624 23/49 7.12863	64: 100% 0G 7.051 64: 100%	95 5.25989	[03:09<00:00, 42.3667 [00:30<00:00	54.6785	25	109.27	6.14709	8.11016
Class		argets 25	P R	mAP@0.5 5.59e-05	F1: 100 0	%	1/1 [00:39	<00:00, 39.69s/it]
Trair	1							
Epoch gpu_m plane total		ioU obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
24/49	OG 6.167	33 3.6076 1/1			27	1122.14	6.23039	8.09965
Test-								
Epoch gpu_mplane total	nem GI img size	oU obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
24/49 7.12966	0G 7.025 64: 100%		[00:27<00:00		25	109.27	6.1489	8.11042
Class all	Images T 9	argets 25		mAP@0.5 5.24e-05	F1: 100 0	8	1/1 [00:28	<00:00, 28.71s/it]
Trair	1							
Epoch gpu_mplane total		ou obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
25/49	0G 6.392 64: 100%			48.8042 , 211.93s/it]	27	912.528	6.22238	8.10026
25/49	0G 6.392 64: 100%	3.00927 1/1	39.4022	48.8042 , 212.84s/it]	27	912.528	6.22238	8.10026
Epoch gpu_m		oU obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
25/49	img_size 0G 7.10				25	109.27	6.14674	8.1104
7.12857 Class all	64: 100% Images T 9	'argets 25	P R 0 0	, 30.65s/it] mAP@0.5 0	F1: 100 0	%	1/1 [00:29	<pre><<00:00, 29.37s/it]</pre>
Trair	1							
Epoch gpu_m		loU obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 26/49 7.1612	img_size 0G 5.904 64: 100%		36.7687 [03:29<00:00,	46.6 209.61s/it]	30	1108.82	6.22277	8.09963

									Thursday, May 6, 2021 11:13 PM
26/49 7.1612	0G 64:	5.90414 100%		36.7687 [03:30<00:00,	46.6 210.30s/it]	30	1108.82	6.22277	8.09963
Tes	t								
Epoch gpu	_mem img s	GIOU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
26/49	0G _	7.05466				25	109.27	6.14537	8.11039
7.12788 Class all	Ima	ges Tar		[00:29<00:00 P R 0 0	mAP@0.5	F1: 100	왕	1/1 [00:32	<00:00, 32.46s/it]
arr Tra				0 0	Ü	O			
IIa	±11								
Epoch gpu plane total		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
27/49	0G _	7.03694 100%			50.9874 , 184.22s/it]	39	1304.24	6.21694	8.10107
7.13901 Tes			·	[03.04<00.00	, 104.225/10]				
Tes	L								
	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 27/49		6.96921				25	109.27	6.14776	8.11031
7.12904 Class	Ima	ges Tar	gets		mAP@0.5	F1: 100	응	1/1 [00:25	<00:00, 25.43s/it]
all		9	25	0 0	0	0			
Tra	in		_						
	_mem	GIoU.	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	0G _	6.6383				41	1095.78	6.20479	8.09907
7.15193	64:	100%	1/1	[03:48<00:00	, 228.98s/it]				
Tes	t								
	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 28/49	img_s 0G	6.95458				25	109.27	6.14855	8.11038
	64 •	100%	1/1	[00:24<00:00					
7.12947 Class			gets	P R	mAP@0.5	F1: 100	8	1/1 [00:24	<00:00, 24.23s/it]

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									* * *
Epoch gpu plane total	_mem img s:		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
29/49	0G _	6.07953				38	1309.25	6.21497	8.10057
7.15777	64:	100%		[03:10<00:00	, 190.38s/it]				
 Test	t								
Epoch gpu	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 29/49	0G	6.8957	4.50896	43.7951	55.1998	25	109.27	6.14672	8.11045
7.12858	64: Tmad	100% Targe	1/1		, 34.09s/it] mAP@0.5	F1· 100)	1/1 [00:32	<00:00, 32.77s/it
all		9 2			1.1e-05	0		1 1/1 [00:02	32.778,10
 Tra:	in								
Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
30/49	0G	6.43099			48.8788	25	954.847	6.20467	8.10167
7.15317	64:	100%	1/1	[03:47<00:00	, 227.49s/it]				
 Test	t								
Epoch gpu	mem	GTOH	ohi	cle	yolo total	targets	midae loee	nlane hoe	nlane dice
plane total	ima s	ize			_		_	_	_
30/49 7.12852	0G 64:	6.82206 100%		44.0111 [00:34<00:00		25	109.27	6.14646	8.11058
Class all	Imag	ges Target	ts		mAP@0.5	F1: 100)%	1/1 [00:35	<00:00, 35.21s/it
			2 J	0	O	O			
 Tra:	in								
Epoch gpu	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 31/49			3.65789	43.7535	53.8256	31	995.088	6.20869	8.10189
7.15529	64:	100%	1/1	[03:37<00:00	, 217.71s/it]				
31/49 7.15529	0G 64:	6.41423 100%	3.65789 1/1	43.7535 [03:38<00:00	53.8256 , 218.37s/it]	31	995.088	6.20869	8.10189
 Test									
Epoch gpu	mem	GIoU	obj	cls	yolo total	targets	midas_loss	plane bce	plane dice
plane_total	- img_s:	ize	_		_		_	_	_
31/49 7.12861		6.83386 100%	4.47396 1/1	44.3815 [00:36<00:00		25	109.27	6.14632	8.11091

w 6											Thursday, May 6, 2021 11:13 PM
	Class all		ges 9	Targets 25		P R 0 0	mAP@0.5 0	F1: 100)%	1/1 [00:31	<00:00, 31.51s/it]
						v	· ·	O .			
	Tra	1n									
_	ch gpu ne total	_mem img s:		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
32/	49	0G _	6.0		3.93424		55.4994 , 283.59s/it]		804.496	6.20861	8.10151
	Tes	t									
	ch gpu ne total			GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
32/	49	0G	6.7			44.0625		25	109.27	6.14438	8.11115
7.1	2776 Class all	Ima		Targets 25	1/1		mAP@0.5 4.98e-05	F1: 100)%	1/1 [00:27	<00:00, 27.99s/it]
	Tra	in									
_		_mem		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
33/ 7.1	ne_total 49 495	img_s: 0G 64:	6.8 100%		2.36477 1/1	35.2964 [03:18<00:00,		29	995.958	6.19918	8.09981
33/	Tes 49 495	0G 64:	6.8	32318	2.36477 1 1/1	35.2964 [03:20<00:00,		29	995.958	6.19918	8.09981
_	ch gpu ne total	_mem img s:		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
33/	49	0G _	6.7	1905	4.58473	44.6707	55.9745	25	109.27	6.14174	8.11114
7.1	Class	Ima	ges	Targets			mAP@0.5	F1: 100		1/1 [00:29	0<00:00,
				Targets	all	9 P R		0 F1: 100	5.81e-05	0 1/1 [00:29	<00:00, 29.46s/it]
	Tra	in									
-	-	_mem		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
34/	ne_total 49 4796	img_s: 0G 64:	6.8				46.9707 , 204.22s/it]		1418.24	6.19606	8.09986

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pla: 34/- 7.1- 34/-		img_si 0G 64: 0G	6.85014 100% 6.69804	2.69737 1.1/1 4.46746	37.4231 [03:25<00:00	, 205.23s/it] 55.7474	40	1418.24	_	- 8.09986
	Class	Imag	ges Targ		P R		F1: 100	응	1/1 [00:27	<pre>/<00:00, 27.98s/it]</pre>
	all		9	25	0 0	4.99e-05	Ü			
	Trai	in								
	ch gpu_ ne total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
						41.8454 , 192.36s/it]		1145.01	6.19441	8.10035
	Test				[03.12\00.00	, 192.305/10]				
						41.8454 , 192.92s/it]		1145.01	6.19441	8.10035
	ch gpu_ ne total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
35/	49	0G _	6.69842 100%		44.6224 [00:22<00:00	55.7391 , 22.64s/it]	25	109.27	6.13383	8.11086
	Class all	Imag	ges Targ 9			mAP@0.5 3.98e-05	F1: 100	%	1/1 [00:29	e<00:00, 29.57s/it]
	Trai	ın								
Eno	ah anu	m.o.m	GIoU	oh ÷	212		+	midaa laaa	nlana haa	nlana di aa
	ch gpu_ ne_total	_mem img_si	.ze	ζαο	CIS	yolo_total	targets	midas_1088	prane_bde	plane_dice
			6.59849		37.5133	46.7275 , 220.93s/it]	29	1136.77	6.19382	8.10075
36/	49	0G	6.59849	2.61575	37.5133	46.7275	29	1136.77	6.19382	8.10075
	4729 Test		-	1/1	[03:41<00:00	, 221.70s/it]				
	100									
Epo	ch gpu	mem	GIoU	obj	cls	yolo total	targets	midas loss	plane bce	plane dice
pla	ne_total ⁻	img_si	ze			_		_	_	_
36/- 7.1	49 2164	0G 64:	6.68985 100%	4.2791 1/1	44.3391 [00:25<00:00	55.308 , 25.45s/it]	25	109.27	6.13248	8.1108
	Class all				P R	mAP@0.5	F1: 100 0	8	1/1 [00:30	0<00:00, 30.12s/it]

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		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 37/49	img_s 0G	ıze 6.71825	2.3721	31.0028	40.0932	28	842.457	6.19335	8.10084
7.14709 37/49	0 G		2.3721	31.0028	, 229.54s/it] 40.0932	28	842.457	6.19335	8.10084
 7.14709 Tes			1/1	[03:51<00:00	, 231.02s/it]				
Epoch gpu	mem	GIoU	ohi	cls	yolo total	targets	midas loss	nlane hce	nlane dice
plane total	img s	ize			_		_	_	_
37/49 7.12389				43.4832 [00:34<00:00		25	109.27	6.13717	8.11061
Class	Ima		ts	P R	mAP@0.5 0.000171	F1: 100)용	1/1 [00:31	<00:00, 31.27s/it
 Tra	in								
Epoch gpu plane total	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
38/49	0G _	5.88354	2.90259	34.0855	42.8716	25	1194.05	6.18536	8.10021
7.14278			1/1	[03:05<00:00	, 185.21s/it]				
 Tes	[
Epoch gpu	mem	GIoU	ohi	cls	yolo total	targets	midas loss	plane bce	plane dice
plane_total	- img_s	ize			_		_	_	_
38/49 7.14278	0G 64•	5.88354		34.0855		25	1194.05	6.18536	8.10021
38/49	0G	6.68301	4.26615	43.945	54.8941	25	109.27	6.13609	8.11024
7.12317 Class				[00:23<00:00 P R	, 23.57s/it] mAP@0.5	F1: 100)	li 1/1 [00·24	<00:00, 24.87s/it
all					4.39e-05	0	,	1/1 [00 : 21	21.075710
 Tra	in								
114	.111								
Epoch gpu	mem	GIoU	obi	cls	yolo total	targets	midas loss	plane bce	plane dice
plane_total	- img_s	ize			_		_	_	_
39/49 7.13997	0G 64:	6.35032	3.06577 1/1	36.3799 [03:40<00:00	45.796 , 220.20s/it]	40	1077.89	6.18048	8.09947
		· <u></u>			,				
 Tes	t								
	_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total 39/49	img_s	ize 6.61775	4.17126	43.7627	54.5517	25	109.27	6.13216	8.11016
J J / 1 J	. .	0.01110	1.1.120	10.7027	01.001,	20	_00.27	0.10210	0.11010

w 6								Thursday, May 6, 2021 11:13 PM
7.12116 Class all	64: 1009 Images 9	R Targets 25	1 [00:24<00:00 P R 0 0	mAP@0.5	F1: 100% 0		1/1 [00:25	<00:00, 25.59s/it]
Trair	n							
Epoch gpu_r plane total	nem img size	GIoU ob	j cls	yolo_total	targets m	idas_loss	plane_bce	plane_dice
40/49	0G 6.2 64: 1009	1/		45.2165), 222.53s/it]	38	1251.39	6.18454	8.10347
Epoch gpu_r plane total		GIoU ob	j cls	yolo_total	targets m	idas_loss	plane_bce	plane_dice
7.11962	0G 6. 64: 1009 Images		1 [00:30<00:00	53.9436), 30.88s/it] mAP@0.5	25 F1: 100%	109.27	6.12929 1/1 [00:34	8.10995 <00:00, 34.94s/it]
all	9	25	0 0	0.000204	0			
Epoch gpu_r plane total	nem img size	GIoU ob	j cls	yolo_total	targets m	idas_loss	plane_bce	plane_dice
41/49	0G 6.3 64: 1009	·	9 33.7328 1 [04:14<00:00	42.9738), 254.14s/it]	37	1271.52	6.18494	8.1013
Epoch gpu_r		GIoU ob	j cls	yolo_total	targets m	idas_loss	plane_bce	plane_dice
	img_size 0G 6.3 64: 1009	37446 4.3012		53.3668), 34.93s/it]	25	109.27	6.1265	8.11013
Class all	Images 9	Targets 25	P R	mAP@0.5 5.44e-05	F1: 100% 0		1/1 [00:33	<00:00, 33.98s/it]
Trair	า							
Epoch gpu_r plane total	mem img size	GIoU ob	oj cls	yolo_total	targets m	idas_loss	plane_bce	plane_dice
42/49 7.14086		44223 2.8188	3 34.7187 1 [03:41<00:00	43.9798), 221.89s/it]	27	1073.36	6.18012	8.1016
Test-								

Thursday, May 6, 2021 11:13 PM

Epoch	ani	mom	GIo	U obj	ala	yolo total	+2800+0	midas loss	nlana baa	plane dice
	total	_mem		0 001	CIS	yolo_total	targets	midas_1055	prane_bce	prane_drce
		img_s		/ / OFF10	40 41 CE	E2 00E1	2.5	100 27	C 10C0C	0 11014
42/49			6.353			53.0251	25	109.27	6.12606	8.11014
7.118					[00:40<00:00,		5 1 100	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. 1 /1 41	.00 00 41 42 /:-1
	Class		ages Ta			mAP@0.5	F1: 100) 8	1 1/1 [00:41	.<00:00, 41.43s/it]
	all		9	25	0 0	5.87e-05	0			
	Tra	in								
_ ,			a-	1 !	7					
Epoch		_mem		U obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	_total	img_s								
43/49		0G	6.36				34	1183.47	6.17961	8.10278
7.141			: 100%			, 212.70s/it]				
43/49		0G	6.36			45.7183	34	1183.47	6.17961	8.10278
7.141	19	64:	: 100%		[03:33<00:00	, 213.61s/it]				
	Tes	t		-						
Epoch		_mem	GIo	U obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	_total									
43/49		0G				52.7818	25	109.27	6.12158	8.10972
7.115	65				[00:40<00:00	, 40.12s/it]				
	Class	Ima	ages Ta	rgets	P R	mAP@0.5	F1: 100)용	1/1 [00:41	<00:00, 41.37s/it]
	all		9	25	0 0	6.99e-05	0			
	Tra	in								
Epoch		_mem	GIo	U obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	_total	img_s	size							
44/49		0G	6. <u>779</u>			46.2283	45	1033.71	6.17189	8.10031
7.136		64:			[04:05<00:00,					
44/49		0G	6.779			46.2283	45	1033.71	6.17189	8.10031
7.136	1	64:	100%	1/1	[04:05<00:00,	245.72s/it]				
	Tes	t								
Epoch	gpu	mem	GIo	U obj	cls	yolo total	targets	midas loss	plane bce	plane dice
plane	total	img s	size			_		_	_	_
44/49		0G	6.3160	1 4.26358	41.4072	51.9868	25	109.27	6.11678	8.1093
7.113			: 100%		[00:35<00:00					
	Class			rgets	P R	mAP@0.5	F1: 100)응	1/1 [00:38	3<00:00, 38.15s/it]
	all		9	25		0.000114	0	*	, _, _ [, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	<u>~++</u>		-	- -			Ţ.			
	Tra	in								
Epoch	anıı	_mem	GIo	U obj	cls	yolo total	targets	midas loss	plane bce	plane_dice
Epoch.	920		010		010	1010_00001	cargees		P_0c_	r_ao_a.cc

new 6

new 6										Thursday, May 6, 2021 11:13 PM
	plane_total 45/49 7.13656		6.3702	3.15475 1/1		48.417 , 236.87s/it]		954.53	6.17162	8.10151
	Test									
	Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	45/49 7.11182	0G _	6.26175		41.2743 [00:33<00:00	51.8472	25	109.27	6.11457	8.10907
	Class	Imaç	ges Target	S	P R		F1: 100 0	응	1/1 [00:39	<00:00, 39.21s/it]
	Trai	n								
	Epoch gpu_plane total	mem ima si		obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	46/49 8.10128	0G _	5.88786	3.04381 100%	36.6814 1/1	45.6131 [03:44<00:00,	27 224.18s/it	1122.77	6.17072	
	Test									
	Epoch gpu_plane total			obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
		0G _	6.20886		41.2038 [00:41<00:00,	51.6996	25	109.27	6.11337	8.10882
	Class	Imag	ges Target	S	P R	mAP@0.5 0.000112	F1: 100 0	%	1/1 [00:34	<00:00, 34.96s/it]
	Trai	n								
			GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	plane_total 47/49 7.13385	0G _	6.09923	3.41654		45.7169 , 214.09s/it]		1210.61	6.16583	8.10187
	Test									
	Epoch gpu_		GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
	plane_total 47/49	0G _	6.25331	4.15942		52.0922	25	109.27	6.11146	8.10897
	7.11022 Class all	64: Imaç				mAP@0.5 0.000105	F1: 100 0	%	1/1 [00:36	<pre>6<00:00, 36.19s/it]</pre>

Process finished with exit code 1

-----Train-----

```
cls yolo total
                                                                            targets midas loss
       Epoch
                 qpu mem
                               GIoU
                                            obj
                                                                                                  plane bce plane dice
      plane total
                     img size
                             6.29029
       48/49
                                         3.71198
                                                     34.6549
                                                                 44.6572
                                                                                  44
                                                                                         1277.59
                                                                                                     6.16253
                                                                                                                 8.10173
       7.13213
                        64: 100% |
                                     1/1 [03:53<00:00, 233.90s/it]
Traceback (most recent call last):
  File "G:/EVA5/ToGit/mainfolder/Assignment15.py", line 195, in <module>
    start epoch=0, epochs=50, img size=64, optimizer=optimizer)
  File "G:\EVA5\ToGit\train.py", line 36, in train
    for i, (imgs, targets, seg masks, paths, ) in pbar:
  File "C:\Users\mm\Anaconda3\envs\py37\lib\site-packages\tgdm\std.py", line 1178, in iter
    for obj in iterable:
 File "C:\Users\mm\Anaconda3\envs\py37\lib\site-packages\torch\utils\data\dataloader.py", line 435, in next
    data = self. next data()
  File "C:\Users\mm\Anaconda3\envs\py37\lib\site-packages\torch\utils\data\dataloader.py", line 1057, in next data
    self. shutdown workers()
  File "C:\Users\mm\Anaconda3\envs\py37\lib\site-packages\torch\utils\data\dataloader.py", line 1183, in shutdown workers
   w.terminate()
  File "C:\Users\mm\Anaconda3\envs\py37\lib\multiprocessing\process.py", line 124, in terminate
    self. popen.terminate()
 File "C:\Users\mm\Anaconda3\envs\py37\lib\multiprocessing\popen spawn win32.py", line 95, in terminate
    winapi.TerminateProcess(int(self. handle), TERMINATE)
PermissionError: [WinError 5] Access is denied
```