

```
C:\Users\mm\Anaconda3\envs\py37\python.exe G:/EVA5/ToGit/notebook/Assignment15.py
C:\Users\mm\Anaconda3\envs\py37\lib\site-packages\torch\cuda\__init__.py: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.)
```

```
device: cpu
```

```
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\yolov3-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	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
0/49	0G	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	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
0/49	0G	4.02685	133.907	25.8572	163.791	25	20.8297	6.48416	8.09664
7.2904	64: 100%	██████████	1/1	[00:07<00:00, 7.33s/it]					

```
Class Images Targets P R mAP@0.5 F1: 0%|██████████| 0/1 [00:00<?,
?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]	
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								
1/49	0G	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]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
1/49	OG	4.01368	132.887	25.8461	162.747	25	20.8296	6.44207	8.09027
7.26617	64: 100%		1/1	[00:07<00:00, 7.64s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.81s/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								
2/49	OG	4.21938	103.079	26.7531	134.051	18	1229.49	6.50408	8.09669
7.30038	64: 100%		1/1	[01:02<00:00, 62.66s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
2/49	OG	4.01064	131.464	25.9851	161.46	25	20.8296	6.49296	8.0845
7.28873	64: 100%		1/1	[00:07<00:00, 7.20s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.56s/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								
3/49	OG	4.48102	82.4395	26.531	113.452	20	700.158	6.51983	8.09712
7.30847	64: 100%		1/1	[01:14<00:00, 74.53s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
3/49	OG	4.01733	126.647	26.1087	156.773	25	20.8296	6.47564	8.0852
7.28042	64: 100%		1/1	[00:07<00:00, 7.40s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.93s/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								
4/49	OG	4.09134	66.8049	26.8711	97.7674	22	911.225	6.51935	8.09836
7.30885	64: 100%	[REDACTED]		1/1	[01:03<00:00, 63.47s/it]				
4/49	OG	4.09134	66.8049	26.8711	97.7674	22	911.225	6.51935	8.09836
7.30885	64: 100%	[REDACTED]		1/1	[01:03<00:00, 63.88s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
4/49	OG	4.26596	111.392	26.1671	141.825	25	20.8296	6.75831	8.08035
7.41933	64: 100%	[REDACTED]		1/1	[00:05<00:00, 5.25s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:13<00:00, 13.36s/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								
5/49	OG	4.40726	54.167	27.6065	86.1807	23	802.183	6.50815	8.09741
7.30278	64: 100%	[REDACTED]		1/1	[00:57<00:00, 57.56s/it]				
5/49	OG	4.40726	54.167	27.6065	86.1807	23	802.183	6.50815	8.09741
7.30278	64: 100%	[REDACTED]		1/1	[00:57<00:00, 57.97s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
5/49	OG	4.68325	91.2153	26.1205	122.019	25	20.8296	6.93397	8.07912
7.50655	64: 100%	[REDACTED]		1/1	[00:05<00:00, 5.92s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:14<00:00, 14.37s/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								
6/49	OG	4.34617	41.1789	24.747	70.2721	19	974.64	6.50703	8.09824
7.30264	64: 100%	[REDACTED]		1/1	[01:00<00:00, 60.20s/it]				
6/49	OG	4.34617	41.1789	24.747	70.2721	19	974.64	6.50703	8.09824
7.30264	64: 100%	[REDACTED]		1/1	[01:00<00:00, 60.55s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
6/49	OG	5.07905	69.4087	27.2935	101.781	25	20.8296	7.01674	8.09856
7.55765	64: 100%	[REDACTED]		1/1	[00:06<00:00, 6.80s/it]				

Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.32s/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								
7/49	0G	3.89016	35.4538	27.0369	66.3809	17	758.059	6.50729	8.0967
7.30199	64: 100%			1/1	[01:02<00:00, 62.61s/it]				
7/49	0G	3.89016	35.4538	27.0369	66.3809	17	758.059	6.50729	8.0967
7.30199	64: 100%			1/1	[01:03<00:00, 63.00s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
7/49	0G	5.26941	51.6311	28.8089	85.7094	25	20.8293	7.18174	8.08585
7.63379	64: 100%			1/1	[00:04<00:00, 4.51s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.06s/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								
8/49	0G	4.43364	29.3598	26.1425	59.9359	17	906.629	6.50253	8.09568
7.2991	64: 100%			1/1	[01:09<00:00, 69.67s/it]				
8/49	0G	4.43364	29.3598	26.1425	59.9359	17	906.629	6.50253	8.09568
7.2991	64: 100%			1/1	[01:10<00:00, 70.12s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
8/49	0G	5.36527	41.8798	28.5436	75.7886	25	20.8294	6.94546	8.08029
7.51287	64: 100%			1/1	[00:07<00:00, 7.09s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.15s/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								
9/49	0G	4.32305	26.2852	27.0132	57.6214	25	756.07	6.5093	8.09725
7.30327	64: 100%			1/1	[00:59<00:00, 59.19s/it]				
9/49	0G	4.32305	26.2852	27.0132	57.6214	25	756.07	6.5093	8.09725
7.30327	64: 100%			1/1	[00:59<00:00, 59.39s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
9/49	0G	5.26981	39.7665	26.9495	71.9858	25	20.8294	6.85781	8.0772
7.4675	64: 100%		1/1	[00:07<00:00,	7.09s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.12s/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								
10/49	0G	4.57147	21.455	26.0038	52.0303	25	766.776	6.50286	8.09798
7.30042	64: 100%		1/1	[01:03<00:00,	63.24s/it]				
10/49	0G	4.57147	21.455	26.0038	52.0303	25	766.776	6.50286	8.09798
7.30042	64: 100%		1/1	[01:03<00:00,	63.72s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
10/49	0G	5.45036	26.9604	28.6595	61.0702	25	20.829	6.86086	8.08161
7.47124	64: 100%		1/1	[00:06<00:00,	6.34s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00,
14.51s/it]		all	9	25	0	0	0.000303	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.82s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
11/49	0G	4.05006	19.5804	25.1937	48.8242	24	758.116	6.50075	8.09641
7.29858	64: 100%		1/1	[01:00<00:00,	60.58s/it]				
11/49	0G	4.05006	19.5804	25.1937	48.8242	24	758.116	6.50075	8.09641
7.29858	64: 100%		1/1	[01:01<00:00,	61.00s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
11/49	0G	5.61437	15.8499	29.9342	51.3984	25	20.8284	6.92614	8.07942
7.50278	64: 100%		1/1	[00:04<00:00,	4.06s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00,
14.61s/it]		all	9	25	0	0	0	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.93s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
12/49	0G	4.63312	16.1516	26.136	46.9207	24	758.07	6.48937	8.09543
7.2924	64: 100%		1/1	[01:12<00:00,	72.76s/it]				
12/49	0G	4.63312	16.1516	26.136	46.9207	24	758.07	6.48937	8.09543
7.2924	64: 100%		1/1	[01:13<00:00,	73.15s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
12/49	0G	5.58014	12.2837	28.6715	46.5353	25	20.8287	6.7635	8.0842
7.42385	64: 100%		1/1	[00:06<00:00,	6.70s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00,
all	9	25	0	0	0	0			14.53s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
13/49	0G	4.53846	14.5715	25.4081	44.518	20	779.449	6.49393	8.09656
7.29524	64: 100%		1/1	[00:59<00:00,	59.19s/it]				
13/49	0G	4.53846	14.5715	25.4081	44.518	20	779.449	6.49393	8.09656
7.29524	64: 100%		1/1	[00:59<00:00,	59.55s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
13/49	0G	5.62851	7.44051	29.7378	42.8068	25	20.8288	6.78963	8.09127
7.44045	64: 100%		1/1	[00:06<00:00,	6.39s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00,
all	9	25	0	0	0	0			14.29s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
14/49	0G	4.59012	13.7576	24.8973	43.245	21	627.087	6.49208	8.09788
7.29498	64: 100%		1/1	[01:01<00:00,	61.61s/it]				
14/49	0G	4.59012	13.7576	24.8973	43.245	21	627.087	6.49208	8.09788
7.29498	64: 100%		1/1	[01:01<00:00,	61.83s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
14/49	0G	5.75679	2.90983	31.7168	40.3834	25	20.8287	6.79663	8.09214
7.44439	64: 100%		1/1	[00:05<00:00,	5.22s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.93s/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								
15/49	0G	4.21948	11.7213	25.3646	41.3053	24	626.018	6.49783	8.09803
7.29793	64: 100%		1/1	[01:02<00:00,	62.49s/it]				
15/49	0G	4.21948	11.7213	25.3646	41.3053	24	626.018	6.49783	8.09803
7.29793	64: 100%		1/1	[01:02<00:00,	62.70s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
15/49	0G	5.88613	1.2878	35.0306	42.2046	25	20.8282	6.77675	8.09248
7.43462	64: 100%		1/1	[00:07<00:00,	7.40s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.39s/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								
16/49	0G	4.35274	11.9113	23.6862	39.9502	21	1037.96	6.47702	8.09636
7.28669	64: 100%		1/1	[00:58<00:00,	58.58s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
16/49	0G	6.07482	0.576496	45.4526	52.1039	25	20.8273	6.97888	8.08363
7.53126	64: 100%		1/1	[00:06<00:00,	6.73s/it]				
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			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
17/49	0G	4.42921	9.59201	23.8776	37.8988	23	1076.29	6.47696	8.09714

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7.28705      64: 100%|██████████| 1/1 [01:05<00:00, 65.50s/it]
17/49      OG      4.42921      9.59201      23.8776      37.8988
7.28705      64: 100%|██████████| 1/1 [01:05<00:00, 65.89s/it]

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23      1076.29      6.47696      8.09714

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-----Test-----

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Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
17/49      OG      6.19523      0.0429652      50.0953      56.3335      25      20.8273      7.19349      8.07951
7.6365      64: 100%|██████████| 1/1 [00:07<00:00, 7.05s/it]
Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:14<00:00, 14.92s/it]
all      9      25      0      0      0      0

```

-----Train-----

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Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
18/49      OG      4.17781      10.2359      24.0454      38.4591      28      789.764      6.48668      8.09915
7.29291      64: 100%|██████████| 1/1 [00:58<00:00, 58.06s/it]
18/49      OG      4.17781      10.2359      24.0454      38.4591      28      789.764      6.48668      8.09915
7.29291      64: 100%|██████████| 1/1 [00:58<00:00, 58.39s/it]

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-----Test-----

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Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
18/49      OG      6.2765      0.0213256      55.1055      61.4033      25      20.8277      7.34933      8.07951
7.71442      64: 100%|██████████| 1/1 [00:05<00:00, 5.83s/it]
Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:15<00:00, 15.06s/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
19/49      OG      4.42572      9.04293      23.5324      37.0011      24      821.682      6.48092      8.09745
7.28918      64: 100%|██████████| 1/1 [00:53<00:00, 53.61s/it]
19/49      OG      4.42572      9.04293      23.5324      37.0011      24      821.682      6.48092      8.09745
7.28918      64: 100%|██████████| 1/1 [00:54<00:00, 54.02s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
19/49      OG      6.23978      0.0455435      47.869      54.1544      25      20.8282      7.0435      8.07695
7.56022      64: 100%|██████████| 1/1 [00:06<00:00, 6.95s/it]
Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:14<00:00,
14.23s/it]      all      9      25      0      0      0

```


Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.50s/it]
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-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
20/49	0G	4.17604	10.146	22.9997	37.3218	25	940.857	6.46092	8.09492
7.27792	64: 100%		1/1	[01:12<00:00, 72.01s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
20/49	0G	6.32781	0.0176066	57.8219	64.1673	25	20.8281	7.23806	8.07309
7.65558	64: 100%		1/1	[00:06<00:00, 6.65s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.32s/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								
21/49	0G	4.0628	9.5549	23.3481	36.9658	23	1032.17	6.47452	8.09785
7.28619	64: 100%		1/1	[01:01<00:00, 61.95s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
21/49	0G	6.45708	0.00860882	70.8996	77.3653	25	20.8281	7.60384	8.0704
7.83712	64: 100%		1/1	[00:06<00:00, 6.84s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00,
14.12s/it]				9	25	0	0	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.39s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
22/49	0G	4.17895	7.98588	21.6002	33.765	12	1011.85	6.48362	8.09858
7.2911	64: 100%		1/1	[01:07<00:00, 67.12s/it]					
22/49	0G	4.17895	7.98588	21.6002	33.765	12	1011.85	6.48362	8.09858
7.2911	64: 100%		1/1	[01:07<00:00, 67.34s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
22/49	0G	6.4545	0.00911756	67.7404	74.204	25	20.8288	7.46825	8.05801
7.76313	64: 100%		1/1	[00:06<00:00,	6.55s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.04s/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								
23/49	0G	4.27316	6.80629	22.5266	33.606	30	973.156	6.47312	8.09538
7.28425	64: 100%		1/1	[01:03<00:00,	63.19s/it]				
23/49	0G	4.27316	6.80629	22.5266	33.606	30	973.156	6.47312	8.09538
7.28425	64: 100%		1/1	[01:03<00:00,	63.59s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
23/49	0G	6.4349	0.0114523	70.2331	76.6795	25	20.829	7.49508	8.05859
7.77684	64: 100%		1/1	[00:07<00:00,	7.09s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.70s/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								
24/49	0G	4.22748	7.48113	22.2179	33.9265	21	973.66	6.46567	8.09587
7.28077	64: 100%		1/1	[01:07<00:00,	67.42s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
24/49	0G	6.35096	0.0151146	72.7071	79.0731	25	20.8291	7.51193	8.05711
7.78452	64: 100%		1/1	[00:05<00:00,	5.33s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.06s/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								

25/49	OG	4.07738	9.75488	22.6776	36.5098	27	739.475	6.46288	8.09754
7.28021	64: 100%	[REDACTED]		1/1	[01:06<00:00, 66.83s/it]				
25/49	OG	4.07738	9.75488	22.6776	36.5098	27	739.475	6.46288	8.09754
7.28021	64: 100%	[REDACTED]		1/1	[01:07<00:00, 67.28s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
25/49	OG	6.22345	0.0117408	66.6291	72.8643	25	20.8291	7.42304	8.04648
7.73476	64: 100%	[REDACTED]		1/1	[00:06<00:00, 6.59s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:14<00:00, 14.73s/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								
26/49	OG	4.27109	6.91681	22.3902	33.5781	17	812.541	6.46539	8.09759
7.28149	64: 100%	[REDACTED]		1/1	[00:56<00:00, 56.36s/it]				
26/49	OG	4.27109	6.91681	22.3902	33.5781	17	812.541	6.46539	8.09759
7.28149	64: 100%	[REDACTED]		1/1	[00:56<00:00, 56.75s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
26/49	OG	5.95323	0.0198897	52.3267	58.2998	25	20.8292	7.11172	8.04679
7.57925	64: 100%	[REDACTED]		1/1	[00:06<00:00, 6.26s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:14<00:00, 14.89s/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								
27/49	OG	4.20332	6.39465	22.9957	33.5937	24	907.256	6.4612	8.09726
7.27923	64: 100%	[REDACTED]		1/1	[00:58<00:00, 58.35s/it]				
27/49	OG	4.20332	6.39465	22.9957	33.5937	24	907.256	6.4612	8.09726
7.27923	64: 100%	[REDACTED]		1/1	[00:58<00:00, 58.77s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
27/49	OG	5.84337	0.0156596	55.0237	60.8828	25	20.8292	7.23753	8.04749
7.64251	64: 100%	[REDACTED]		1/1	[00:07<00:00, 7.40s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:14<00:00, 14.98s/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								
28/49	0G	4.18618	8.54748	21.2475	33.9812	28	1044.91	6.44668	8.09701
7.27185	64: 100%		1/1	[01:11<00:00, 71.64s/it]					
28/49	0G	4.18618	8.54748	21.2475	33.9812	28	1044.91	6.44668	8.09701
7.27185	64: 100%		1/1	[01:12<00:00, 72.08s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
28/49	0G	5.74092	0.0168827	59.6298	65.3876	25	20.8292	7.21031	8.04621
7.62826	64: 100%		1/1	[00:07<00:00, 7.06s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.09s/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								
29/49	0G	4.66915	5.27128	22.2674	32.2078	23	716.381	6.45024	8.0985
7.27437	64: 100%		1/1	[00:58<00:00, 58.41s/it]					
29/49	0G	4.66915	5.27128	22.2674	32.2078	23	716.381	6.45024	8.0985
7.27437	64: 100%		1/1	[00:58<00:00, 58.91s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
29/49	0G	5.60735	0.0577124	49.097	54.762	25	20.8292	6.80754	8.0537
7.43062	64: 100%		1/1	[00:06<00:00, 6.64s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.73s/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								
30/49	0G	4.36338	6.84985	22.4944	33.7076	22	1168.02	6.44396	8.09864
7.2713	64: 100%		1/1	[01:04<00:00, 64.34s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
30/49	0G	5.32985	0.156614	39.1427	44.6292	25	20.8294	6.55954	8.05987
7.30971	64: 100%		1/1	[00:07<00:00,	7.22s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.51s/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								
31/49	0G	4.14684	6.69758	20.3829	31.2273	19	776.65	6.45562	8.09925
7.27744	64: 100%		1/1	[00:56<00:00,	56.52s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
31/49	0G	5.09612	1.00814	32.7252	38.8294	25	20.8294	6.45928	8.06592
7.2626	64: 100%		1/1	[00:05<00:00,	5.86s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 15.00s/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								
32/49	0G	4.03153	6.63211	20.4957	31.1593	18	1153.72	6.43734	8.09734
7.26734	64: 100%		1/1	[01:04<00:00,	64.03s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
32/49	0G	5.18029	0.793744	38.5658	44.5398	25	20.8294	6.52892	8.06766
7.29829	64: 100%		1/1	[00:06<00:00,	6.26s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.45s/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								
33/49	0G	3.90401	8.51787	21.7409	34.1628	25	974.989	6.43903	8.09686

7.26794 64: 100%|██████████| 1/1 [01:03<00:00, 63.03s/it]

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
33/49	OG	5.00712	0.535648	44.6793	50.222	25	20.8294	6.57383	8.07315
7.32349	64: 100% ██████████		1/1	[00:06<00:00,	6.94s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:14<00:00,	
14.67s/it]		all	9	25	0	0	0	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:15<00:00,	15.04s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
34/49	OG	3.92891	7.59268	22.2314	33.753	18	737.845	6.43946	8.10055
7.27001	64: 100% ██████████		1/1	[01:07<00:00,	67.02s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
34/49	OG	5.12955	0.777369	34.5308	40.4377	25	20.8294	6.45692	8.07581
7.26636	64: 100% ██████████		1/1	[00:06<00:00,	6.95s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:15<00:00,	
15.67s/it]		all	9	25	0	0	0	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:16<00:00,	16.01s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
35/49	OG	4.22804	5.18502	22.2308	31.6438	24	794.42	6.43216	8.09907
7.26561	64: 100% ██████████		1/1	[01:06<00:00,	66.66s/it]				
35/49	OG	4.22804	5.18502	22.2308	31.6438	24	794.42	6.43216	8.09907
7.26561	64: 100% ██████████		1/1	[01:06<00:00,	66.91s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
35/49	OG	5.04842	1.09751	30.1483	36.2943	25	20.8294	6.36784	8.08578
7.22681	64: 100% ██████████		1/1	[00:06<00:00,	6.94s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:16<00:00,	16.09s/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								
36/49	0G	4.42579	4.39697	20.1574	28.9802	18	993.172	6.44177	8.09814
7.26995	64: 100%		1/1	[01:16<00:00, 76.23s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
36/49	0G	4.28813	3.48323	22.6544	30.4258	25	20.8296	6.20616	8.10051
7.15334	64: 100%		1/1	[00:07<00:00, 7.06s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.25s/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								
37/49	0G	4.27438	5.29488	21.1499	30.7192	22	849.311	6.4325	8.10024
7.26637	64: 100%		1/1	[01:06<00:00, 66.59s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
37/49	0G	4.13277	9.58775	22.6126	36.3331	25	20.8296	6.30605	8.1054
7.20573	64: 100%		1/1	[00:06<00:00, 6.92s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00,
15.03s/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								
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.40s/it]
38/49	0G	3.87595	7.63394	20.5444	32.0543	19	835.726	6.43271	8.0976
7.26515	64: 100%		1/1	[01:02<00:00, 62.83s/it]					
38/49	0G	3.87595	7.63394	20.5444	32.0543	19	835.726	6.43271	8.0976
7.26515	64: 100%		1/1	[01:03<00:00, 63.27s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
38/49	0G	3.96042	13.9912	23.4115	41.3631	25	20.8296	6.28308	8.10568
7.19438	64: 100%		1/1	[00:05<00:00,	5.56s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:15<00:00, 15.20s/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								
39/49	0G	4.10053	8.69145	21.8091	34.6011	28	927.554	6.42404	8.09675
7.2604	64: 100%		1/1	[01:12<00:00,	72.56s/it]				
39/49	0G	4.10053	8.69145	21.8091	34.6011	28	927.554	6.42404	8.09675
7.2604	64: 100%		1/1	[01:12<00:00,	72.78s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
39/49	0G	3.95449	13.7879	23.4229	41.1653	25	20.8296	6.27956	8.10549
7.19252	64: 100%		1/1	[00:04<00:00,	4.61s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:13<00:00,
13.29s/it]		all	9	25	0	0	0	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:13<00:00, 13.67s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
40/49	0G	3.9453	7.37845	19.4922	30.816	22	947.214	6.42344	8.09752
7.26048	64: 100%		1/1	[01:07<00:00,	67.53s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
40/49	0G	3.95213	13.4891	23.2714	40.7127	25	20.8296	6.28187	8.10516
7.19351	64: 100%		1/1	[00:06<00:00,	6.03s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.90s/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								

41/49	OG	4.37345	5.49381	20.5728	30.4401	20	810.077	6.41349	8.09771
7.2556	64: 100%	[REDACTED]		1/1	[01:05<00:00, 65.33s/it]				
41/49	OG	4.37345	5.49381	20.5728	30.4401	20	810.077	6.41349	8.09771
7.2556	64: 100%	[REDACTED]		1/1	[01:05<00:00, 65.83s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
41/49	OG	3.96195	12.8974	23.2587	40.1181	25	20.8296	6.27131	8.10579
7.18855	64: 100%	[REDACTED]		1/1	[00:06<00:00, 6.94s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:15<00:00, 15.18s/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								
42/49	OG	4.35087	5.19895	20.5035	30.0533	21	725.414	6.4129	8.09806
7.25548	64: 100%	[REDACTED]		1/1	[01:02<00:00, 62.28s/it]				

42/49	OG	4.35087	5.19895	20.5035	30.0533	21	725.414	6.4129	8.09806
7.25548	64: 100%	[REDACTED]		1/1	[01:02<00:00, 62.64s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
42/49	OG	3.95013	12.4756	23.1227	39.5485	25	20.8296	6.27482	8.10483
7.18982	64: 100%	[REDACTED]		1/1	[00:06<00:00, 6.76s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:14<00:00, 14.73s/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								
43/49	OG	4.36658	5.20823	21.257	30.8319	28	916.779	6.41213	8.09973
7.25593	64: 100%	[REDACTED]		1/1	[00:54<00:00, 54.02s/it]				
43/49	OG	4.36658	5.20823	21.257	30.8319	28	916.779	6.41213	8.09973
7.25593	64: 100%	[REDACTED]		1/1	[00:54<00:00, 54.42s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
43/49	OG	3.96571	12.1839	23.1082	39.2578	25	20.8296	6.26886	8.10464
7.18675	64: 100%	[REDACTED]		1/1	[00:06<00:00, 6.28s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:15<00:00, 15.36s/it]

all	9	25	0	0	0	0
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-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
44/49	0G	4.29267	5.54912	20.3581	30.1999	25	911.318	6.41406	8.09618
7.25512	64: 100%		1/1	[01:02<00:00, 62.66s/it]					
44/49	0G	4.29267	5.54912	20.3581	30.1999	25	911.318	6.41406	8.09618
7.25512	64: 100%		1/1	[01:03<00:00, 63.00s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
44/49	0G	3.94147	12.4039	23.1968	39.5422	25	20.8296	6.26179	8.10595
7.18387	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, 15.32s/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								
45/49	0G	4.03695	6.06941	19.7138	29.8202	18	923.627	6.40757	8.09974
7.25366	64: 100%		1/1	[00:57<00:00, 57.19s/it]					
45/49	0G	4.03695	6.06941	19.7138	29.8202	18	923.627	6.40757	8.09974
7.25366	64: 100%		1/1	[00:57<00:00, 57.42s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
45/49	0G	3.96859	11.6472	23.0061	38.622	25	20.8296	6.2583	8.10567
7.18198	64: 100%		1/1	[00:06<00:00, 6.11s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.15s/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								
46/49	0G	3.91932	10.0492	20.007	33.9754	26	927.728	6.41144	8.0981
7.25477	64: 100%		1/1	[01:08<00:00, 68.53s/it]					

-----Test-----

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: 100%		1/1	[00:06<00:00,	6.03s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:13<00:00,
						0	0	0	
13.06s/it]		all		9	25				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:13<00:00, 13.39s/it]

-----Train-----

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]				

-----Test-----

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			

-----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]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
48/49	0G	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			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
49/49	0G	3.84219	9.59796	20.7853	34.2254	26	884.391	6.39357	8.09859
7.24608	64: 100%		1/1	[01:04<00:00, 64.50s/it]					
49/49	0G	3.84219	9.59796	20.7853	34.2254	26	884.391	6.39357	8.09859
7.24608	64: 100%		1/1	[01:04<00:00, 64.91s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
49/49	0G	4.01875	11.0602	22.7124	37.7913	25	20.8296	6.27018	8.10612
7.18815	64: 100%		1/1	[00:05<00:00, 5.39s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:14<00:00, 14.39s/it]
all	9	25	0	0	0	0			

Caching labels: 0%| | 0/9 [00:00<?, ?it/s]Img size = 128

Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 100%| | 9/9 [00:00<00:00, 576.02it/s]

Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 100%| | 9/9 [00:00<?, ?it/s]

Caching images (0.0GB): 100%| | 9/9 [00:00<00:00, 10.11it/s]

cpu

Starting training for 50 epochs...

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
0/49	0G	4.21925	9.45182	24.9104	38.5815	42	1401.89	6.43277	8.09761
7.26519	64: 100%		1/1	[01:24<00:00, 84.34s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
0/49	0G	8.20849	17.3906	33.2305	58.8296	25	68.8913	6.2685	8.11107
7.18979	64: 100%		1/1	[00:13<00:00, 13.75s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.96s/it]
all	9	25	0	0	0.000302	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
1/49	0G	8.65916	9.50899	41.3222	59.4904	33	1073.75	6.42569	8.09782
7.26175	64: 100%		1/1	[01:37<00:00, 97.79s/it]					
1/49	0G	8.65916	9.50899	41.3222	59.4904	33	1073.75	6.42569	8.09782
7.26175	64: 100%		1/1	[01:38<00:00, 98.04s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
1/49	0G	7.80512	16.8888	33.4275	58.1214	25	68.8913	6.26684	8.11011
7.18847	64: 100%		1/1	[00:10<00:00, 10.44s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:17<00:00, 17.14s/it]
all	9	25	0	0	0.000566	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
2/49	0G	4.00119	9.07818	24.3778	37.4572	31	1126.43	6.42594	8.09776
7.26185	64: 100%		1/1	[01:36<00:00, 96.51s/it]					
2/49	0G	4.00119	9.07818	24.3778	37.4572	31	1126.43	6.42594	8.09776
7.26185	64: 100%		1/1	[01:36<00:00, 96.96s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
2/49	0G	8.45094	16.1645	34.6739	59.2894	25	68.8913	6.25889	8.11027
7.18458	64: 100%		1/1	[00:14<00:00, 14.62s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.78s/it]
all	9	25	0	0	0.00029	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
3/49	0G	3.85706	9.24375	23.6448	36.7456	25	873.481	6.41579	8.09741
7.2566	64: 100%		1/1	[01:35<00:00, 95.87s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
3/49	0G	7.98198	15.9003	36.5772	60.4595	25	68.8913	6.26043	8.1106
7.18552	64: 100%		1/1	[00:09<00:00, 9.87s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.79s/it]
all	9	25	0	0	0.000245	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
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plane_total	img_size								
4/49	OG	4.21549	7.88077	24.1884	36.2846	30	1198.52	6.42822	8.09955
7.26389	64: 100%	[01:40<00:00, 100.70s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
4/49	OG	7.66889	15.5933	36.049	59.3111	25	68.8913	6.25957	8.11095
7.18526	64: 100%	[00:10<00:00, 10.48s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[00:19<00:00, 19.59s/it]		
all	9	25	0	0	0.000229	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
5/49	OG	8.0016	7.02849	26.068	41.0981	15	909.704	6.41073	8.09509
7.25291	64: 100%	[01:24<00:00, 84.76s/it]							
5/49	OG	8.0016	7.02849	26.068	41.0981	15	909.704	6.41073	8.09509
7.25291	64: 100%	[01:25<00:00, 85.14s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
5/49	OG	7.30157	15.125	36.5406	58.9672	25	68.8913	6.25884	8.11112
7.18498	64: 100%	[00:14<00:00, 14.53s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[00:16<00:00,		
16.36s/it]			all	9	25	0	0.000221	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[00:16<00:00, 16.56s/it]		

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
6/49	OG	9.14558	8.23158	45.1321	62.5092	30	909.507	6.41601	8.0982
7.25711	64: 100%	[01:31<00:00, 91.31s/it]							
6/49	OG	9.14558	8.23158	45.1321	62.5092	30	909.507	6.41601	8.0982
7.25711	64: 100%	[01:31<00:00, 91.67s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
6/49	OG	7.30869	14.8649	35.7412	57.9148	25	68.8913	6.2589	8.11102
7.18496	64: 100%	[00:11<00:00, 12.00s/it]							

Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00,
18.87s/it]		all	9	25	0	0	0.000192	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.12s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
7/49	0G	6.02651	8.47086	31.5621	46.0595	39	1118.4	6.40993	8.09717
7.25355	64: 100%		1/1	[01:28<00:00,	88.98s/it]				
7/49	0G	6.02651	8.47086	31.5621	46.0595	39	1118.4	6.40993	8.09717
7.25355	64: 100%		1/1	[01:29<00:00,	89.34s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
7/49	0G	7.29095	14.6915	34.1576	56.1401	25	68.8913	6.25065	8.11167
7.18116	64: 100%		1/1	[00:11<00:00,	11.29s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:17<00:00, 17.36s/it]
all	9	25	0	0	0.000138	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
8/49	0G	7.85161	8.04509	38.2955	54.1922	25	1142.31	6.41428	
8.09773	7.256	64: 100%		1/1	[01:23<00:00,	83.78s/it]			

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
8/49	0G	7.22196	14.2856	30.837	52.3446	25	68.8913	6.25374	8.11264
7.18319	64: 100%		1/1	[00:13<00:00,	13.51s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.90s/it]
all	9	25	0	0	0.000148	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
9/49	0G	4.05855	7.27782	22.9478	34.2842	23	1251.34	6.40268	8.09906
7.25087	64: 100%		1/1	[01:37<00:00,	97.26s/it]				

-----Test-----

```

9/49      OG      4.05855      7.27782      22.9478      34.2842      23      1251.34      6.40268      8.09906
7.25087      64: 100%|██████████| 1/1 [01:37<00:00, 97.60s/it]

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total      img_size
9/49      OG      7.03636      13.2334      27.724      47.9938      25      68.8913      6.25142      8.11294
7.18218      64: 100%|██████████| 1/1 [00:13<00:00, 13.11s/it]
Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:18<00:00, 18.14s/it]
all      9      25      0.00234      0.0192      0.000325      0.00418

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total      img_size
10/49      OG      7.24553      6.49202      26.5989      40.3364      22      907.962      6.41116      8.09939
7.25528      64: 100%|██████████| 1/1 [01:21<00:00, 81.98s/it]
10/49      OG      7.24553      6.49202      26.5989      40.3364      22      907.962      6.41116      8.09939
7.25528      64: 100%|██████████| 1/1 [01:22<00:00, 82.37s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total      img_size
10/49      OG      6.8374      12.4118      26.096      45.3452      25      68.8913      6.24692      8.1136
7.18026      64: 100%|██████████| 1/1 [00:11<00:00, 11.70s/it]
Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:19<00:00, 19.62s/it]
all      9      25      0      0      0.000306      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total      img_size
11/49      OG      4.31858      5.65845      24.0863      34.0634      37      1290.49      6.4071      8.09993
7.25352      64: 100%|██████████| 1/1 [01:31<00:00, 91.01s/it]
11/49      OG      4.31858      5.65845      24.0863      34.0634      37      1290.49      6.4071      8.09993
7.25352      64: 100%|██████████| 1/1 [01:31<00:00, 91.45s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total      img_size
11/49      OG      6.8539      11.5451      24.8625      43.2615      25      68.8913      6.24029      8.11321
7.17675      64: 100%|██████████| 1/1 [00:13<00:00, 13.75s/it]
Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:19<00:00, 19.79s/it]
all      9      25      0      0      0.000151      0

```

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
12/49	0G	4.06777	6.27316	22.5241	32.865	31	983.398	6.40679	8.09835
7.25257	64: 100%		1/1	[01:27<00:00, 87.40s/it]					
12/49	0G	4.06777	6.27316	22.5241	32.865	31	983.398	6.40679	8.09835
7.25257	64: 100%		1/1	[01:27<00:00, 87.85s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
12/49	0G	7.20516	11.1483	24.3076	42.6611	25	68.8913	6.23613	8.11327
7.1747	64: 100%		1/1	[00:13<00:00, 13.82s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00, 18.31s/it]
all	9	25	0	0	0.000133	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
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, 104.12s/it]					
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]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
13/49	0G	8.03312	10.3648	23.9619	42.3599	25	68.8913	6.23437	8.11322
7.1738	64: 100%		1/1	[00:14<00:00, 14.79s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.04s/it]
all	9	25	0	0	0.000137	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
14/49	0G	7.61407	5.72102	28.5333	41.8684	29	1072.55	6.40425	8.10027
7.25226	64: 100%		1/1	[01:31<00:00, 91.21s/it]					
14/49	0G	7.61407	5.72102	28.5333	41.8684	29	1072.55	6.40425	8.10027
7.25226	64: 100%		1/1	[01:31<00:00, 91.57s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								

14/49	OG	8.08363	9.88371	23.7226	41.6899	25	68.8913	6.23341	8.1135
7.17346		64: 100% ██████████	1/1	[00:13<00:00, 13.64s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:19<00:00,	
19.43s/it]		all	9	25	0	0	0.000126	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:19<00:00, 19.70s/it]	

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
15/49	OG	4.16675	4.86807	23.767	32.8018	20	1084.51	6.3918	8.0979
7.24485		64: 100% ██████████	1/1	[01:39<00:00, 99.91s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
15/49	OG	7.82551	9.48982	23.4671	40.7824	25	68.8913	6.23371	8.11272
7.17321		64: 100% ██████████	1/1	[00:10<00:00, 10.15s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:19<00:00, 19.45s/it]	
all	9	25	0	0	0.000226	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
16/49	OG	3.88025	5.60958	24.3856	33.8755	25	1062.59	6.39307	8.09695
7.24501		64: 100% ██████████	1/1	[01:28<00:00, 88.42s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
16/49	OG	8.01012	9.00916	23.3078	40.3271	25	68.8913	6.22825	8.11199
7.17012		64: 100% ██████████	1/1	[00:14<00:00, 14.65s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:18<00:00,	
19.00s/it]		all	9	25	0	0	0.000547	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████	1/1	[00:19<00:00, 19.26s/it]	

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
17/49	OG	7.56179	4.70558	25.6294	37.8968	28	972.08	6.38404	8.09699
7.24051		64: 100% ██████████	1/1	[01:24<00:00, 84.73s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
17/49	0G	7.83612	8.82383	23.1474	39.8074	25	68.8913	6.2283	8.1124
7.17035	64: 100%		1/1	[00:16<00:00, 16.28s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.09s/it]
all	9	25	0	0	0.000196	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
18/49	0G	7.89811	4.48602	23.6559	36.04	31	1435.61	6.38634	8.09972
7.24303	64: 100%		1/1	[01:30<00:00, 90.71s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
18/49	0G	7.93699	8.35809	22.9975	39.2926	25	68.8913	6.23217	8.11215
7.17216	64: 100%		1/1	[00:12<00:00, 12.93s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.12s/it]
all	9	25	0	0	0.000192	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
19/49	0G	7.66	4.3381	31.7094	43.7075	27	1187.09	6.37924	8.09737
7.2383	64: 100%		1/1	[01:38<00:00, 98.09s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
19/49	0G	7.79052	8.22337	22.7861	38.8	25	68.8913	6.22862	8.11186
7.17024	64: 100%		1/1	[00:13<00:00, 13.84s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00, 18.71s/it]
all	9	25	0	0	0.000557	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
20/49	0G	4.22909	4.15847	21.9977	30.3853	38	1188.69	6.37872	8.09615
7.23743	64: 100%		1/1	[01:31<00:00, 91.68s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
20/49	0G	8.01722	7.90521	22.5591	38.4815	25	68.8913	6.22492	8.11168
7.1683	64: 100%		1/1	[00:12<00:00, 12.50s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.96s/it]
all	9	25	0	0	0.000572	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
21/49	0G	7.22585	4.14608	20.1862	31.5581	21	940.889	6.36977	8.09706
7.23341	64: 100%		1/1	[01:33<00:00, 93.21s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
21/49	0G	7.99314	7.65152	22.3823	38.027	25	68.8913	6.22055	8.1113
7.16592	64: 100%		1/1	[00:14<00:00, 14.95s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.68s/it]
all	9	25	0	0	0.000597	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
22/49	0G	6.92602	4.50277	23.0975	34.5263	24	910.389	6.37141	8.09816
7.23478	64: 100%		1/1	[01:29<00:00, 89.95s/it]					
22/49	0G	6.92602	4.50277	23.0975	34.5263	24	910.389	6.37141	8.09816
7.23478	64: 100%		1/1	[01:30<00:00, 90.29s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
22/49	0G	7.52998	7.60378	22.266	37.3998	25	68.8913	6.21502	8.111
7.16301	64: 100%		1/1	[00:13<00:00, 13.18s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00,

18.62s/it] all 9 25 0 0 0.000721 0

Class Images Targets P R mAP@0.5 F1: 100%|██████████| 1/1 [00:18<00:00, 18.98s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
23/49	0G	4.03592	3.68009	23.1928	30.9088	22	975.575	6.35321	8.09591
7.22456	64: 100% ██████████		1/1	[01:32<00:00, 92.13s/it]					
23/49	0G	4.03592	3.68009	23.1928	30.9088	22	975.575	6.35321	8.09591
7.22456	64: 100% ██████████		1/1	[01:32<00:00, 92.58s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
23/49	0G	6.95847	7.54918	22.1038	36.6114	25	68.8913	6.21472	8.11098
7.16285	64: 100% ██████████		1/1	[00:13<00:00, 13.50s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████		1/1	[00:20<00:00, 20.50s/it]
all	9	25	0	0	0.000313	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
24/49	0G	7.73216	4.44784	22.5951	34.7751	29	1042.05	6.36595	8.10139
7.23367	64: 100% ██████████		1/1	[01:35<00:00, 95.73s/it]					
24/49	0G	7.73216	4.44784	22.5951	34.7751	29	1042.05	6.36595	8.10139
7.23367	64: 100% ██████████		1/1	[01:36<00:00, 96.18s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
24/49	0G	6.49638	7.67779	22.0122	36.1864	25	68.8913	6.21516	8.11116
7.16316	64: 100% ██████████		1/1	[00:11<00:00, 11.50s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████		1/1	[00:19<00:00, 19.54s/it]
all	9	25	0	0	0.00031	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
25/49	0G	4.16856	3.77151	21.4833	29.4234	27	972.846	6.35898	8.10021
7.22959	64: 100% ██████████		1/1	[01:24<00:00, 84.89s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
25/49	0G	6.10523	7.66649	21.9193	35.6911	25	68.8913	6.21175	8.11115
7.16145	64: 100%		1/1	[00:15<00:00, 15.32s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00, 18.59s/it]
all	9	25	0	0	0.000303	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
26/49	0G	4.18685	3.85595	22.1467	30.1895	36	1246.48	6.35515	8.09679
7.22597	64: 100%		1/1	[01:29<00:00, 89.51s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
26/49	0G	5.6117	7.95361	21.867	35.4323	25	68.8913	6.21159	8.11153
7.16156	64: 100%		1/1	[00:16<00:00, 16.11s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.39s/it]
all	9	25	0	0	0.000306	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
27/49	0G	7.64166	4.0492	21.334	33.0248	37	917.386	6.35857	8.10222
7.2304	64: 100%		1/1	[01:36<00:00, 96.20s/it]					
27/49	0G	7.64166	4.0492	21.334	33.0248	37	917.386	6.35857	8.10222
7.2304	64: 100%		1/1	[01:36<00:00, 96.54s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
27/49	0G	5.63042	7.90237	21.8237	35.3565	25	68.8913	6.20797	8.11137
7.15967	64: 100%		1/1	[00:13<00:00, 13.45s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.23s/it]
all	9	25	0	0	0.000305	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
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plane_total	img_size								
28/49	OG	7.65969	3.88028	21.2235	32.7635	29	1048.61	6.34469	8.09787
7.22128	64: 100%	[REDACTED]		1/1	[01:30<00:00, 90.14s/it]				
28/49	OG	7.65969	3.88028	21.2235	32.7635	29	1048.61	6.34469	8.09787
7.22128	64: 100%	[REDACTED]		1/1	[01:30<00:00, 90.53s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
28/49	OG	5.65326	7.8867	21.7809	35.3208	25	68.8913	6.20833	8.11149
7.15991	64: 100%	[REDACTED]		1/1	[00:12<00:00, 12.61s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:18<00:00,
18.67s/it]		all	9	25	0	0	0.000301	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:19<00:00, 19.01s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
29/49	OG	3.88689	3.83988	22.4796	30.2064	26	884.022	6.35465	8.10042
7.22754	64: 100%	[REDACTED]		1/1	[01:29<00:00, 89.15s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
29/49	OG	5.68929	7.8192	21.7263	35.2348	25	68.8913	6.20627	8.11133
7.1588	64: 100%	[REDACTED]		1/1	[00:10<00:00, 10.81s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:19<00:00, 19.78s/it]
all	9	25	0	0	0.000294	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
30/49	OG	4.11435	4.63951	21.7736	30.5274	34	1062.74	6.33848	8.09837
7.21842	64: 100%	[REDACTED]		1/1	[01:30<00:00, 90.71s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
30/49	OG	5.79908	7.66247	21.6617	35.1232	25	68.8913	6.20391	8.11126
7.15759	64: 100%	[REDACTED]		1/1	[00:14<00:00, 14.82s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[REDACTED]	1/1	[00:19<00:00, 19.56s/it]

all 9 25 0 0 0.000299 0

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
31/49	OG	4.10087	3.07212	20.3731	27.5461	22	1057.7	6.33443	8.09759
7.21601	64: 100%		1/1	[01:35<00:00, 95.23s/it]					
31/49	OG	4.10087	3.07212	20.3731	27.5461	22	1057.7	6.33443	8.09759
7.21601	64: 100%		1/1	[01:35<00:00, 95.63s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
31/49	OG	5.83686	7.39127	21.5991	34.8272	25	68.8913	6.19875	8.11109
7.15492	64: 100%		1/1	[00:10<00:00, 10.03s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00,
	19.20s/it]		all	9	25	0	0.000158	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.51s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
32/49	OG	8.55857	3.10623	21.5972	33.262	26	1325.98	6.33758	8.10165
7.21961	64: 100%		1/1	[01:35<00:00, 95.12s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
32/49	OG	5.9116	7.22654	21.5914	34.7295	25	68.8913	6.20148	8.11141
7.15644	64: 100%		1/1	[00:13<00:00, 13.65s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.60s/it]
all	9	25	0	0	0.000162	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
33/49	OG	10.1985	3.51423	21.6568	35.3695	25	1126.38	6.33224	8.09879
7.21552	64: 100%		1/1	[01:24<00:00, 84.40s/it]					
33/49	OG	10.1985	3.51423	21.6568	35.3695	25	1126.38	6.33224	8.09879
7.21552	64: 100%		1/1	[01:24<00:00, 84.76s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
33/49	0G	6.07832	7.02515	21.5869	34.6903	25	68.8913	6.20339	8.11183
7.15761	64: 100%		1/1	[00:12<00:00, 12.86s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.31s/it]
all	9	25	0	0	0.000162	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
34/49	0G	3.90477	5.15852	21.1224	30.1857	34	1085.34	6.33971	8.10089
7.2203	64: 100%		1/1	[01:22<00:00, 82.57s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
34/49	0G	6.15153	6.87642	21.5868	34.6148	25	68.8913	6.19843	8.11207
7.15525	64: 100%		1/1	[00:13<00:00, 13.29s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:17<00:00,
17.98s/it]		all	9	25	0	0	0.000162	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00, 18.39s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
35/49	0G	4.00887	3.25948	21.9204	29.1887	29	852.513	6.33227	8.09886
7.21556	64: 100%		1/1	[01:36<00:00, 96.27s/it]					
35/49	0G	4.00887	3.25948	21.9204	29.1887	29	852.513	6.33227	8.09886
7.21556	64: 100%		1/1	[01:36<00:00, 96.57s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
35/49	0G	6.2078	6.85178	21.6012	34.6608	25	68.8913	6.1948	8.11207
7.15343	64: 100%		1/1	[00:11<00:00, 11.01s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.79s/it]
all	9	25	0	0	3.74e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
36/49	0G	3.89726	4.73973	22.7326	31.3696	40	1377.76	6.32107	8.09773
7.2094	64: 100%	[01:31<00:00, 91.18s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
36/49	0G	6.19078	7.04796	21.6306	34.8694	25	68.8913	6.18777	8.11188
7.14983	64: 100%	[00:14<00:00, 14.81s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00,
18.37s/it]		all	9	25	0	0	3.74e-05	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:18<00:00, 18.61s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
37/49	0G	7.34509	3.48876	20.9445	31.7783	26	868.796	6.32115	8.09918
7.21016	64: 100%	[01:34<00:00, 94.71s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
37/49	0G	6.25681	6.90272	21.5981	34.7576	25	68.8913	6.18791	8.11182
7.14987	64: 100%	[00:12<00:00, 12.51s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.59s/it]
all	9	25	0	0	3.74e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
38/49	0G	6.96144	5.50821	22.6911	35.1607	31	1164.18	6.32585	8.10178
7.21382	64: 100%	[01:31<00:00, 91.99s/it]							
38/49	0G	6.96144	5.50821	22.6911	35.1607	31	1164.18	6.32585	8.10178
7.21382	64: 100%	[01:32<00:00, 92.35s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
38/49	0G	6.29168	6.84701	21.5446	34.6833	25	68.8913	6.18643	8.11169
7.14906	64: 100%	[00:12<00:00, 12.92s/it]							

Class	Images	Targets	P	R	mAP@0.5	F1: 100%	1/1 [00:19<00:00, 19.56s/it]
all	9	25	0	0	0.000145	0	

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
39/49	0G	7.60325	4.14648	20.4841	32.2338	28	1105.32	6.31446	8.09958
7.20702	64: 100%		1/1	[01:48<00:00, 108.10s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
39/49	0G	6.25657	6.83235	21.4776	34.5665	25	68.8913	6.1908	8.1117
7.15125	64: 100%		1/1	[00:13<00:00, 13.25s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	1/1 [00:19<00:00, 19.70s/it]		
all	9	25	0	0	0.000147	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
40/49	0G	7.13299	3.41939	21.1009	31.6533	34	976.939	6.31599	8.10235
7.20917	64: 100%		1/1	[01:45<00:00, 105.10s/it]					
40/49	0G	7.13299	3.41939	21.1009	31.6533	34	976.939	6.31599	8.10235
7.20917	64: 100%		1/1	[01:45<00:00, 105.48s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
40/49	0G	6.2301	6.87801	21.4778	34.5859	25	68.8913	6.19038	8.11148
7.15093	64: 100%		1/1	[00:15<00:00, 15.20s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	1/1 [00:19<00:00, 19.70s/it]		
all	9	25	0	0	0.00011	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
41/49	0G	4.06275	3.68578	20.4623	28.2108	32	1114.17	6.31202	8.09815
7.20508	64: 100%		1/1	[01:28<00:00, 88.53s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
41/49	0G	6.1927	6.89782	21.4428	34.5333	25	68.8913	6.19183	8.11151
7.15167	64: 100%		1/1	[00:14<00:00, 14.18s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00, 20.14s/it]
all	9	25	0	0	0.000114	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
42/49	0G	3.8433	4.41261	21.8202	30.0761	29	1268.83	6.31337	8.10161
7.20749	64: 100%		1/1	[01:33<00:00, 93.76s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
42/49	0G	6.19894	6.91165	21.4443	34.5549	25	68.8913	6.18761	8.11144
7.14952	64: 100%		1/1	[00:15<00:00, 15.76s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.92s/it]
all	9	25	0	0	0.000113	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
43/49	0G	4.04238	2.82218	21.6347	28.4992	27	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	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
43/49	0G	6.15335	7.05825	21.4192	34.6308	25	68.8913	6.18564	8.11099
7.14831	64: 100%		1/1	[00:14<00:00, 14.75s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:19<00:00, 19.62s/it]
all	9	25	0	0	0.000115	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	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

```

7.19741      64: 100%|██████████| 1/1 [01:35<00:00, 95.48s/it]
44/49      OG      8.99096      3.02245      22.3808      34.3943      20      989.488      6.29549      8.09932
7.19741      64: 100%|██████████| 1/1 [01:35<00:00, 95.85s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
44/49      OG      6.16089      6.97924      21.3648      34.5049      25      68.8913      6.18264      8.11117
7.14691      64: 100%|██████████| 1/1 [00:14<00:00, 14.48s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:19<00:00,
      19.79s/it]      all      9      25      0
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:20<00:00, 20.07s/it]

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
45/49      OG      7.34316      2.95741      21.5144      31.815      17      951.944      6.2918      8.09855
7.19518      64: 100%|██████████| 1/1 [01:26<00:00, 86.04s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
45/49      OG      6.21549      6.68123      21.2411      34.1378      25      68.8913      6.17807      8.11148
7.14477      64: 100%|██████████| 1/1 [00:13<00:00, 13.86s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:17<00:00, 17.65s/it]
      all      9      25      0      0      0.000126      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
46/49      OG      7.21297      4.22848      21.7613      33.2028      37      1029.79      6.29153      8.09858
7.19505      64: 100%|██████████| 1/1 [01:42<00:00, 102.91s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
46/49      OG      6.20884      6.75133      21.2161      34.1763      25      68.8913      6.17919      8.11124
7.14522      64: 100%|██████████| 1/1 [00:17<00:00, 17.17s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:21<00:00,
      21.29s/it]      all      9      25      0
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:21<00:00, 21.78s/it]

```

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
47/49	0G	3.9458	2.84729	22.1459	28.939	31	1156	6.29725	8.10106
7.19916	64: 100%		1/1	[01:32<00:00,	92.62s/it]				
47/49	0G	3.9458	2.84729	22.1459	28.939	31	1156	6.29725	8.10106
7.19916	64: 100%		1/1	[01:32<00:00,	92.99s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
47/49	0G	6.19994	6.69636	21.1626	34.0589	25	68.8913	6.17023	8.11109
7.14066	64: 100%		1/1	[00:16<00:00,	16.40s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:20<00:00,
all	9	25	0	0	0.000128	0			20.67s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
48/49	0G	3.89281	4.09651	19.8875	27.8768	34	1085.35	6.28474	8.10036
7.19255	64: 100%		1/1	[01:32<00:00,	92.88s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
48/49	0G	6.22701	6.70702	21.1623	34.0963	25	68.8913	6.17202	8.11158
7.1418	64: 100%		1/1	[00:14<00:00,	14.62s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:17<00:00,
all	9	25	0	0	0.000128	0			17.78s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
49/49	0G	3.85236	4.15233	20.778	28.7827	27	1449.61	6.2772	8.09747
7.18734	64: 100%		1/1	[01:31<00:00,	91.01s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
-------	---------	------	-----	-----	------------	---------	------------	-----------	------------

```

plane_total  img_size
49/49         OG      6.25003    6.80064    21.1498    34.2004    25    68.8913    6.1732    8.11147
7.14234      64: 100%|██████████| 1/1 [00:14<00:00, 14.54s/it]
      Class  Images  Targets      P      R  mAP@0.5    F1: 100%|██████████| 1/1 [00:18<00:00, 18.50s/it]
      all      9      25      0      0  0.000129    0
Caching labels (9 found, 0 missing, 0 empty, 0 duplicate, for 9 images): 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]
cpu
Starting training for 50 epochs...

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
0/49         OG      6.90458    3.78366    65.625    76.3133    28    1120.6    6.28555    8.10114
7.19335      64: 100%|██████████| 1/1 [02:59<00:00, 179.82s/it]
0/49         OG      6.90458    3.78366    65.625    76.3133    28    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         OG      7.34157    6.7378    73.1857    87.2651    25    109.27    6.16922    8.10945
7.13933      64: 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]
      all      9      25      0      0  0.00012    0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
1/49         OG      6.95868    3.33037    78.6015    88.8905    34    986.011    6.28143    8.09843
7.18993      64: 100%|██████████| 1/1 [04:14<00:00, 254.47s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
1/49         OG      7.17123    6.95997    69.8852    84.0164    25    109.27    6.15564    8.1088
7.13222      64: 100%|██████████| 1/1 [00:34<00:00, 34.26s/it]
      Class  Images  Targets      P      R  mAP@0.5    F1: 100%|██████████| 1/1 [00:38<00:00, 38.88s/it]
      all      9      25      0      0  0.000115    0

```

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
2/49	0G	6.50058	5.5935	68.9679	81.062	41	805.174	6.28394	8.09826
7.1911	64: 100%		1/1	[03:26<00:00, 206.69s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
2/49	0G	7.05874	7.68199	65.7253	80.466	25	109.27	6.13959	8.10822
7.1239	64: 100%		1/1	[00:39<00:00, 39.65s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:40<00:00, 40.26s/it]
all	9	25	0	0	0.000108	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
3/49	0G	6.85504	4.79135	69.326	80.9724	39	746.398	6.27554	8.09888
7.18721	64: 100%		1/1	[03:22<00:00, 202.37s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
3/49	0G	6.98517	8.11333	62.2267	77.3252	25	109.27	6.13183	8.10758
7.1197	64: 100%		1/1	[00:40<00:00, 40.40s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:39<00:00, 39.99s/it]
all	9	25	0	0	0.000106	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
4/49	0G	6.5004	8.79808	60.9659	76.2644	41	911.376	6.26696	8.09649
7.18173	64: 100%		1/1	[03:48<00:00, 228.73s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
4/49	0G	6.5004	8.79808	60.9659	76.2644	41	911.376	6.26696	8.09649
7.18173	64: 100%		1/1	[03:49<00:00, 229.10s/it]					
4/49	0G	6.74084	9.32605	57.8285	73.8954	25	109.27	6.12772	8.10726


```

7.11749      64: 100%|██████████| 1/1 [00:42<00:00, 42.15s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:43<00:00, 43.13s/it]
      all          9          25          0          0      0.000106          0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
5/49        0G          6.3705      4.87215      70.0157      81.2583          31          1144.83          6.27017          8.09956
7.18486      64: 100%|██████████| 1/1 [04:01<00:00, 241.93s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
5/49        0G          6.70578      9.35659      54.5048      70.5672          25          109.27          6.12058          8.10693
7.11376      64: 100%|██████████| 1/1 [00:36<00:00, 36.91s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:40<00:00, 40.29s/it]
      all          9          25          0          0      0.0001          0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
6/49        0G          6.74289      4.38035      54.882      66.0052          29          1079.77          6.26617          8.09846
7.18231      64: 100%|██████████| 1/1 [03:31<00:00, 211.14s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
6/49        0G          6.66418      9.32462      51.3255      67.3143          25          109.27          6.11802          8.10697
7.11249      64: 100%|██████████| 1/1 [00:34<00:00, 34.63s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:40<00:00, 40.79s/it]
      all          9          25          0          0      9.34e-05          0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
7/49        0G          6.53164      3.98033      53.7213      64.2333          33          1409.09          6.26272          8.09823
7.18047      64: 100%|██████████| 1/1 [03:49<00:00, 229.29s/it]
7/49        0G          6.53164      3.98033      53.7213      64.2333          33          1409.09          6.26272          8.09823
7.18047      64: 100%|██████████| 1/1 [03:49<00:00, 229.68s/it]

```

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
7/49	0G	6.5857	9.10397	48.5852	64.2749	25	109.27	6.11652	8.107
7.11176	64: 100%		1/1	[00:42<00:00, 42.01s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:37<00:00, 37.77s/it]
all	9	25	0	0	8.93e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
8/49	0G	6.7567	3.38002	42.3917	52.5284	32	1325.12	6.26445	8.10023
7.18234	64: 100%		1/1	[04:34<00:00, 274.34s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
8/49	0G	6.57719	8.70963	46.7966	62.0834	25	109.27	6.11929	8.10724
7.11326	64: 100%		1/1	[00:30<00:00, 30.68s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:27<00:00, 27.12s/it]
all	9	25	0	0	8.82e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
9/49	0G	7.14083	2.45215	44.2183	53.8113	30	1139.6	6.26518	8.1005
7.18284	64: 100%		1/1	[03:35<00:00, 215.54s/it]					
9/49	0G	7.14083	2.45215	44.2183	53.8113	30	1139.6	6.26518	8.1005
7.18284	64: 100%		1/1	[03:36<00:00, 216.32s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
9/49	0G	6.58483	8.2617	45.6351	60.4817	25	109.27	6.1233	8.1076
7.11545	64: 100%		1/1	[00:30<00:00, 30.82s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:34<00:00, 34.09s/it]
all	9	25	0	0	8.57e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
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```

plane_total  img_size
10/49         OG      6.33319      3.32975      40.9388      50.6017      25      1159.16      6.27381      8.10365
7.18873      64: 100%|██████████| 1/1 [03:31<00:00, 211.90s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
10/49         OG      6.57212      8.06181      44.9801      59.614      25      109.27      6.12406      8.10787
7.11597      64: 100%|██████████| 1/1 [00:35<00:00, 35.73s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:29<00:00,
      29.52s/it]      all      9      25      0      0      8.38e-05      0
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:29<00:00, 29.71s/it]

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
11/49         OG      6.40719      4.05141      40.4473      50.9059      34      1101.07      6.26116      8.099
7.18008      64: 100%|██████████| 1/1 [03:39<00:00, 219.51s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
11/49         OG      6.54509      8.09786      44.6708      59.3137      25      109.27      6.12596      8.1078
7.11688      64: 100%|██████████| 1/1 [00:29<00:00, 29.87s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:30<00:00, 30.74s/it]
      all      9      25      0      0      8.2e-05      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
12/49         OG      6.79971      2.62552      40.3684      49.7936      34      1096.48      6.25665      8.10301
7.17983      64: 100%|██████████| 1/1 [03:42<00:00, 222.09s/it]
12/49         OG      6.79971      2.62552      40.3684      49.7936      34      1096.48      6.25665      8.10301
7.17983      64: 100%|██████████| 1/1 [03:44<00:00, 224.01s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total  img_size
12/49         OG      6.52845      7.70871      44.558      58.7951      25      109.27      6.12843      8.10782
7.11813      64: 100%|██████████| 1/1 [00:29<00:00, 29.81s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:31<00:00, 31.48s/it]

```

all	9	25	0	0	4.72e-05	0
-----	---	----	---	---	----------	---

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
13/49	0G	6.69594	3.28822	39.433	49.4171	30	1054.25	6.26062	8.10224
7.18143	64: 100%		1/1	[03:51<00:00, 231.91s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
13/49	0G	6.54655	7.55952	44.4953	58.6014	25	109.27	6.13132	8.10787
7.1196	64: 100%		1/1	[00:31<00:00, 31.90s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:34<00:00, 34.30s/it]
all	9	25	0	0	4.68e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
14/49	0G	6.60531	2.85333	42.9596	52.4182	29	1037.26	6.25002	8.10168
7.17585	64: 100%		1/1	[03:11<00:00, 191.66s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
14/49	0G	6.59295	7.11078	44.566	58.2697	25	109.27	6.12873	8.10811
7.11842	64: 100%		1/1	[00:25<00:00, 25.67s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:27<00:00, 27.09s/it]
all	9	25	0	0	4.81e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
15/49	0G	6.41924	2.52753	36.986	45.9328	18	1046.42	6.25791	8.10214
7.18003	64: 100%		1/1	[03:50<00:00, 230.18s/it]					
15/49	0G	6.41924	2.52753	36.986	45.9328	18	1046.42	6.25791	8.10214
7.18003	64: 100%		1/1	[03:52<00:00, 232.38s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
15/49	0G	6.69195	6.66038	44.5166	57.8689	25	109.27	6.12671	8.10822
7.11746	64: 100%		1/1	[00:39<00:00, 39.46s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:29<00:00, 29.73s/it]
all	9	25	0	0	0.000116	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
16/49	0G	6.82103	2.67703	38.6714	48.1695	33	1130.59	6.2496	8.09992
7.17476	64: 100%		1/1	[04:10<00:00, 250.79s/it]					
16/49	0G	6.82103	2.67703	38.6714	48.1695	33	1130.59	6.2496	8.09992
7.17476	64: 100%		1/1	[04:11<00:00, 251.97s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
16/49	0G	6.86885	6.27853	45.0924	58.2398	25	109.27	6.1296	8.10844
7.11902	64: 100%		1/1	[00:35<00:00, 35.46s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:28<00:00, 28.68s/it]
all	9	25	0	0	6.37e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
17/49	0G	6.62648	2.72365	40.2852	49.6353	26	1232.32	6.2484	8.10149
7.17495	64: 100%		1/1	[03:40<00:00, 220.76s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
17/49	0G	6.87067	6.21006	46.6842	59.765	25	109.27	6.13604	8.10848
7.12226	64: 100%		1/1	[00:40<00:00, 40.76s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:30<00:00, 30.84s/it]
all	9	25	0	0	6.62e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
18/49	0G	6.26247	2.91813	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-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
18/49	0G	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	0G	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, 39.15s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████		1/1	[00:36<00:00, 36.05s/it]
all	9	25	0	0	0.00011	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
19/49	0G	6.75107	2.23915	38.1117	47.102	28	886.978	6.23748	8.10042
7.16895	64: 100% ██████████		1/1	[03:53<00:00, 233.68s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
19/49	0G	7.07819	5.74574	46.5502	59.3741	25	109.27	6.13919	8.10857
7.12388	64: 100% ██████████		1/1	[00:28<00:00, 28.49s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████		1/1	[00:40<00:00, 40.16s/it]
all	9	25	0	0	0.000109	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
20/49	0G	6.48619	3.04356	40.8907	50.4205	27	935.425	6.24446	8.10095
7.1727	64: 100% ██████████		1/1	[04:06<00:00, 246.54s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
20/49	0G	7.11175	5.59246	45.3969	58.1011	25	109.27	6.13971	8.10892
7.12432	64: 100% ██████████		1/1	[00:35<00:00, 35.32s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100% ██████████		1/1	[00:39<00:00, 39.83s/it]
all	9	25	0	0	0.000107	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
21/49	0G	6.53619	2.87791	36.1533	45.5674	29	779.048	6.22734	8.09756
7.16245	64: 100%		1/1	[03:32<00:00, 212.04s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
21/49	0G	6.53619	2.87791	36.1533	45.5674	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	56.2121	25	109.27	6.14099	8.10936
7.12518	64: 100%		1/1	[00:33<00:00, 33.77s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:39<00:00, 39.48s/it]
all	9	25	0	0	6.2e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
22/49	0G	6.39813	3.61977	43.1058	53.1237	38	1255.6	6.23558	8.10138
7.16848	64: 100%		1/1	[03:28<00:00, 208.97s/it]					
22/49	0G	6.39813	3.61977	43.1058	53.1237	38	1255.6	6.23558	8.10138
7.16848	64: 100%		1/1	[03:30<00:00, 210.20s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
22/49	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]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:37<00:00, 37.52s/it]
all	9	25	0	0	6.22e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
23/49	0G	6.59404	2.45255	37.2786	46.3252	29	933.738	6.22648	8.09831
7.1624	64: 100%		1/1	[03:08<00:00, 188.58s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
23/49	0G	6.59404	2.45255	37.2786	46.3252	29	933.738	6.22648	8.09831

```

7.1624      64: 100%|██████████| 1/1 [03:09<00:00, 189.57s/it]
23/49      OG      7.05195      5.25989      42.3667      54.6785      25      109.27      6.14709      8.11016
7.12863     64: 100%|██████████| 1/1 [00:30<00:00, 30.56s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:39<00:00, 39.69s/it]
      all          9          25          0          0      5.59e-05      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total img_size
24/49      OG      6.16733      3.6076      38.6661      48.441      27      1122.14      6.23039      8.09965
7.16502     64: 100%|██████████| 1/1 [03:46<00:00, 226.71s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total img_size
24/49      OG      7.02554      5.28616      42.6847      54.9964      25      109.27      6.1489      8.11042
7.12966     64: 100%|██████████| 1/1 [00:27<00:00, 27.37s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:28<00:00, 28.71s/it]
      all          9          25          0          0      5.24e-05      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total img_size
25/49      OG      6.39272      3.00927      39.4022      48.8042      27      912.528      6.22238      8.10026
7.16132     64: 100%|██████████| 1/1 [03:31<00:00, 211.93s/it]
25/49      OG      6.39272      3.00927      39.4022      48.8042      27      912.528      6.22238      8.10026
7.16132     64: 100%|██████████| 1/1 [03:32<00:00, 212.84s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls      yolo_total      targets      midas_loss      plane_bce      plane_dice
plane_total img_size
25/49      OG      7.1013      5.14342      43.2025      55.4472      25      109.27      6.14674      8.1104
7.12857     64: 100%|██████████| 1/1 [00:30<00:00, 30.65s/it]
      Class      Images      Targets      P      R      mAP@0.5      F1: 100%|██████████| 1/1 [00:29<00:00, 29.37s/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
26/49      OG      5.90414      3.9271      36.7687      46.6      30      1108.82      6.22277      8.09963
7.1612     64: 100%|██████████| 1/1 [03:29<00:00, 209.61s/it]

```


26/49	OG	5.90414	3.9271	36.7687	46.6	30	1108.82	6.22277	8.09963
7.1612	64: 100%		1/1	[03:30<00:00, 210.30s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
26/49	OG	7.05466	5.15446	43.4349	55.644	25	109.27	6.14537	8.11039
7.12788	64: 100%		1/1	[00:29<00:00, 29.90s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:32<00:00, 32.46s/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								
27/49	OG	7.03694	2.73762	41.2128	50.9874	39	1304.24	6.21694	8.10107
7.15901	64: 100%		1/1	[03:04<00:00, 184.22s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
27/49	OG	6.96921	4.76911	42.9241	54.6624	25	109.27	6.14776	8.11031
7.12904	64: 100%		1/1	[00:27<00:00, 27.35s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:25<00:00, 25.43s/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								
28/49	OG	6.6383	2.98394	35.8251	45.4473	41	1095.78	6.20479	8.09907
7.15193	64: 100%		1/1	[03:48<00:00, 228.98s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
28/49	OG	6.95458	4.55241	43.4125	54.9195	25	109.27	6.14855	8.11038
7.12947	64: 100%		1/1	[00:24<00:00, 24.56s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:24<00:00, 24.23s/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								
29/49	0G	6.07953	3.72353	42.5831	52.3861	38	1309.25	6.21497	8.10057
7.15777	64: 100%		1/1	[03:10<00:00, 190.38s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
29/49	0G	6.8957	4.50896	43.7951	55.1998	25	109.27	6.14672	8.11045
7.12858	64: 100%		1/1	[00:34<00:00, 34.09s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:32<00:00, 32.77s/it]
all	9	25	0	0	1.1e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
30/49	0G	6.43099	2.89047	39.5573	48.8788	25	954.847	6.20467	8.10167
7.15317	64: 100%		1/1	[03:47<00:00, 227.49s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
30/49	0G	6.82206	4.46235	44.0111	55.2955	25	109.27	6.14646	8.11058
7.12852	64: 100%		1/1	[00:34<00:00, 34.27s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:35<00:00, 35.21s/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								
31/49	0G	6.41423	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	0G	6.41423	3.65789	43.7535	53.8256	31	995.088	6.20869	8.10189
7.15529	64: 100%		1/1	[03:38<00:00, 218.37s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
31/49	0G	6.83386	4.47396	44.3815	55.6893	25	109.27	6.14632	8.11091
7.12861	64: 100%		1/1	[00:36<00:00, 36.60s/it]					

Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:31<00:00, 31.51s/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								
32/49	0G	6.03019	3.93424	45.5349	55.4994	35	804.496	6.20861	8.10151
7.15506	64: 100%		1/1	[04:43<00:00, 283.59s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
32/49	0G	6.77243	4.58617	44.0625	55.4211	25	109.27	6.14438	8.11115
7.12776	64: 100%		1/1	[00:23<00:00, 23.45s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:27<00:00, 27.99s/it]
all	9	25	0	0	4.98e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
33/49	0G	6.82318	2.36477	35.2964	44.4843	29	995.958	6.19918	8.09981
7.1495	64: 100%		1/1	[03:18<00:00, 198.31s/it]					

-----Test-----

33/49	0G	6.82318	2.36477	35.2964	44.4843	29	995.958	6.19918	8.09981
7.1495	64: 100%		1/1	[03:20<00:00, 200.36s/it]					

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
33/49	0G	6.71905	4.58473	44.6707	55.9745	25	109.27	6.14174	8.11114
7.12644	64: 100%		1/1	[00:29<00:00, 29.12s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:29<00:00, 29.04s/it]
			all	9	25	0	5.81e-05	0	
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:29<00:00, 29.46s/it]

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
34/49	0G	6.85014	2.69737	37.4231	46.9707	40	1418.24	6.19606	8.09986
7.14796	64: 100%		1/1	[03:24<00:00, 204.22s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
34/49	0G	6.85014	2.69737	37.4231	46.9707	40	1418.24	6.19606	8.09986
7.14796	64: 100%		1/1	[03:25<00:00, 205.23s/it]					
34/49	0G	6.69804	4.46746	44.5819	55.7474	25	109.27	6.13795	8.11092
7.12443	64: 100%		1/1	[00:22<00:00, 22.32s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:27<00:00, 27.98s/it]
all	9	25	0	0	4.99e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
35/49	0G	6.61861	2.50947	32.7173	41.8454	31	1145.01	6.19441	8.10035
7.14738	64: 100%		1/1	[03:12<00:00, 192.36s/it]					

-----Test-----

35/49	0G	6.61861	2.50947	32.7173	41.8454	31	1145.01	6.19441	8.10035
7.14738	64: 100%		1/1	[03:12<00:00, 192.92s/it]					
Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
35/49	0G	6.69842	4.41831	44.6224	55.7391	25	109.27	6.13383	8.11086
7.12235	64: 100%		1/1	[00:22<00:00, 22.64s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:29<00:00, 29.57s/it]
all	9	25	0	0	3.98e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
36/49	0G	6.59849	2.61575	37.5133	46.7275	29	1136.77	6.19382	8.10075
7.14729	64: 100%		1/1	[03:40<00:00, 220.93s/it]					
36/49	0G	6.59849	2.61575	37.5133	46.7275	29	1136.77	6.19382	8.10075
7.14729	64: 100%		1/1	[03:41<00:00, 221.70s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
36/49	0G	6.68985	4.2791	44.3391	55.308	25	109.27	6.13248	8.1108
7.12164	64: 100%		1/1	[00:25<00:00, 25.45s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:30<00:00, 30.12s/it]
all	9	25	0	0	0.000165	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
37/49	0G	6.71825	2.3721	31.0028	40.0932	28	842.457	6.19335	8.10084
7.14709	64: 100%		1/1	[03:49<00:00, 229.54s/it]					
37/49	0G	6.71825	2.3721	31.0028	40.0932	28	842.457	6.19335	8.10084
7.14709	64: 100%		1/1	[03:51<00:00, 231.02s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
37/49	0G	6.67307	4.24037	43.4832	54.3966	25	109.27	6.13717	8.11061
7.12389	64: 100%		1/1	[00:34<00:00, 34.91s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:31<00:00, 31.27s/it]
all	9	25	0	0	0.000171	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
38/49	0G	5.88354	2.90259	34.0855	42.8716	25	1194.05	6.18536	8.10021
7.14278	64: 100%		1/1	[03:05<00:00, 185.21s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
38/49	0G	5.88354	2.90259	34.0855	42.8716	25	1194.05	6.18536	8.10021
7.14278	64: 100%		1/1	[03:05<00:00, 185.78s/it]					
38/49	0G	6.68301	4.26615	43.945	54.8941	25	109.27	6.13609	8.11024
7.12317	64: 100%		1/1	[00:23<00:00, 23.57s/it]					
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:24<00:00, 24.87s/it]
all	9	25	0	0	4.39e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
39/49	0G	6.35032	3.06577	36.3799	45.796	40	1077.89	6.18048	8.09947
7.13997	64: 100%		1/1	[03:40<00:00, 220.20s/it]					

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
39/49	0G	6.61775	4.17126	43.7627	54.5517	25	109.27	6.13216	8.11016

```

7.12116      64: 100%|██████████| 1/1 [00:24<00:00, 24.43s/it]
      Class  Images  Targets    P      R  mAP@0.5      F1: 100%|██████████| 1/1 [00:25<00:00, 25.59s/it]
      all      9      25      0      0  4.7e-05      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
40/49      0G      6.25843      3.26793      35.6901      45.2165      38      1251.39      6.18454      8.10347
7.14401      64: 100%|██████████| 1/1 [03:42<00:00, 222.53s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
40/49      0G      6.4837      4.22775      43.2322      53.9436      25      109.27      6.12929      8.10995
7.11962      64: 100%|██████████| 1/1 [00:30<00:00, 30.88s/it]
      Class  Images  Targets    P      R  mAP@0.5      F1: 100%|██████████| 1/1 [00:34<00:00, 34.94s/it]
      all      9      25      0      0  0.000204      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
41/49      0G      6.31176      2.92929      33.7328      42.9738      37      1271.52      6.18494      8.1013
7.14312      64: 100%|██████████| 1/1 [04:14<00:00, 254.14s/it]

```

-----Test-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
41/49      0G      6.37446      4.30121      42.6911      53.3668      25      109.27      6.1265      8.11013
7.11831      64: 100%|██████████| 1/1 [00:34<00:00, 34.93s/it]
      Class  Images  Targets    P      R  mAP@0.5      F1: 100%|██████████| 1/1 [00:33<00:00, 33.98s/it]
      all      9      25      0      0  5.44e-05      0

```

-----Train-----

```

Epoch      gpu_mem      GIoU      obj      cls  yolo_total  targets  midas_loss  plane_bce  plane_dice
plane_total  img_size
42/49      0G      6.44223      2.81883      34.7187      43.9798      27      1073.36      6.18012      8.1016
7.14086      64: 100%|██████████| 1/1 [03:41<00:00, 221.89s/it]

```

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
42/49	0G	6.3534	4.25518	42.4165	53.0251	25	109.27	6.12606	8.11014
7.1181	64: 100%		1/1	[00:40<00:00,	40.15s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:41<00:00, 41.43s/it]
all	9	25	0	0	5.87e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
43/49	0G	6.367	2.975	36.3763	45.7183	34	1183.47	6.17961	8.10278
7.14119	64: 100%		1/1	[03:32<00:00,	212.70s/it]				
43/49	0G	6.367	2.975	36.3763	45.7183	34	1183.47	6.17961	8.10278
7.14119	64: 100%		1/1	[03:33<00:00,	213.61s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
43/49	0G	6.37091	4.24382	42.167	52.7818	25	109.27	6.12158	8.10972
7.11565	64: 100%		1/1	[00:40<00:00,	40.12s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:41<00:00, 41.37s/it]
all	9	25	0	0	6.99e-05	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
44/49	0G	6.7797	3.29171	36.1569	46.2283	45	1033.71	6.17189	8.10031
7.1361	64: 100%		1/1	[04:05<00:00,	245.19s/it]				
44/49	0G	6.7797	3.29171	36.1569	46.2283	45	1033.71	6.17189	8.10031
7.1361	64: 100%		1/1	[04:05<00:00,	245.72s/it]				

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
44/49	0G	6.31601	4.26358	41.4072	51.9868	25	109.27	6.11678	8.1093
7.11304	64: 100%		1/1	[00:35<00:00,	35.87s/it]				
Class	Images	Targets	P	R	mAP@0.5	F1: 100%		1/1	[00:38<00:00, 38.15s/it]
all	9	25	0	0	0.000114	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
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plane_total	img_size								
45/49	OG	6.3702	3.15475	38.892	48.417	34	954.53	6.17162	8.10151
7.13656	64: 100%	[03:56<00:00, 236.87s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
45/49	OG	6.26175	4.31121	41.2743	51.8472	25	109.27	6.11457	8.10907
7.11182	64: 100%	[00:33<00:00, 33.12s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[00:39<00:00, 39.21s/it]		
all	9	25	0	0	0.000119	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
46/49	OG	5.88786	3.04381	36.6814	45.6131	27	1122.77	6.17072	
8.10128	7.136	64: 100%	[03:44<00:00, 224.18s/it]						

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
46/49	OG	6.20886	4.28689	41.2038	51.6996	25	109.27	6.11337	8.10882
7.1111	64: 100%	[00:41<00:00, 41.51s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[00:34<00:00, 34.96s/it]		
all	9	25	0	0	0.000112	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
47/49	OG	6.09923	3.41654	36.2011	45.7169	32	1210.61	6.16583	8.10187
7.13385	64: 100%	[03:34<00:00, 214.09s/it]							

-----Test-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
47/49	OG	6.25331	4.15942	41.6795	52.0922	25	109.27	6.11146	8.10897
7.11022	64: 100%	[00:31<00:00, 31.93s/it]							
Class	Images	Targets	P	R	mAP@0.5	F1: 100%	[00:36<00:00, 36.19s/it]		
all	9	25	0	0	0.000105	0			

-----Train-----

Epoch	gpu_mem	GIoU	obj	cls	yolo_total	targets	midas_loss	plane_bce	plane_dice
plane_total	img_size								
48/49	0G	6.29029	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\tqdm\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

Process finished with exit code 1