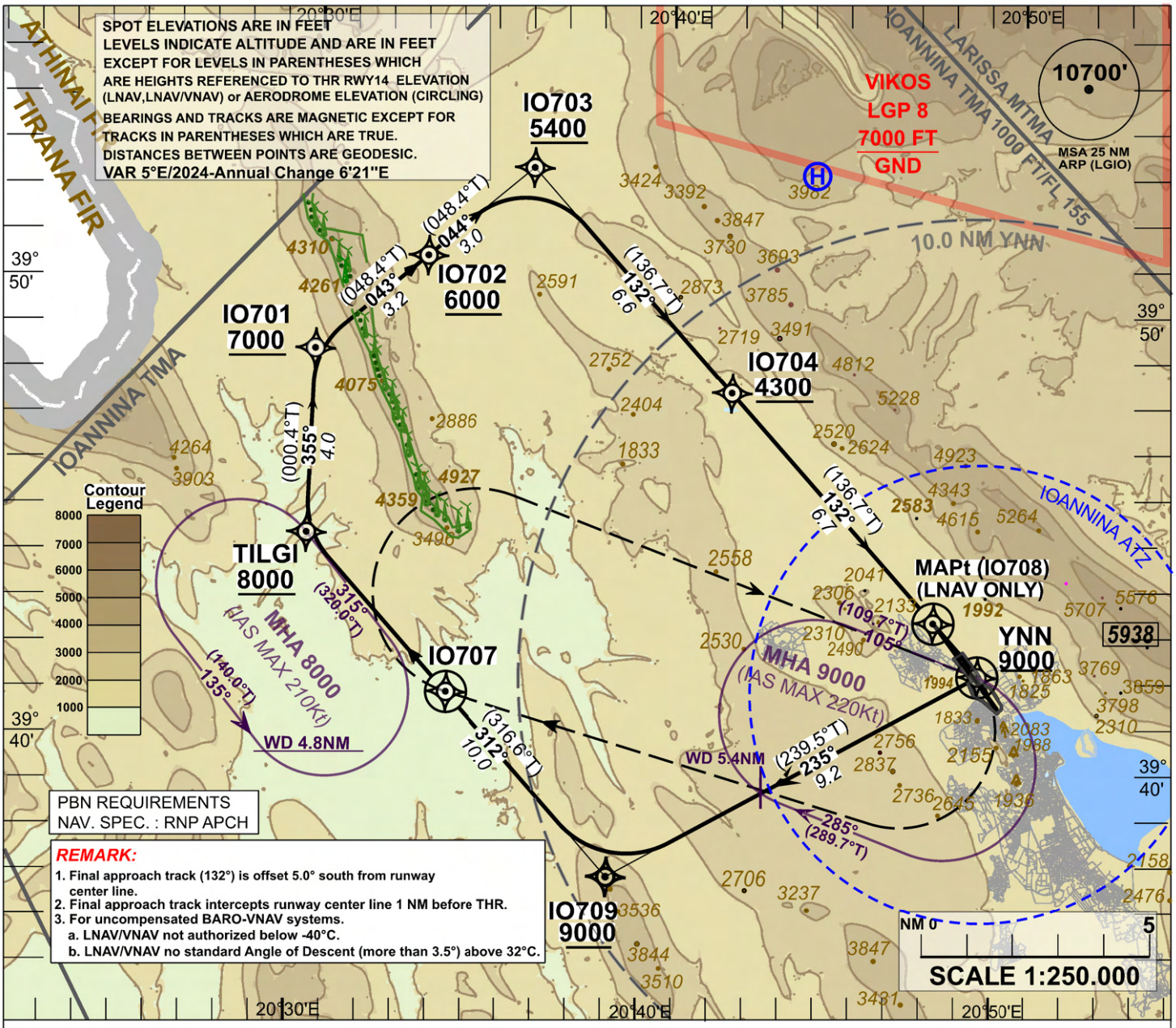
INSTRUMENT
APPROACH
CHART-ICAO

APP 118.600
TWR 132.200

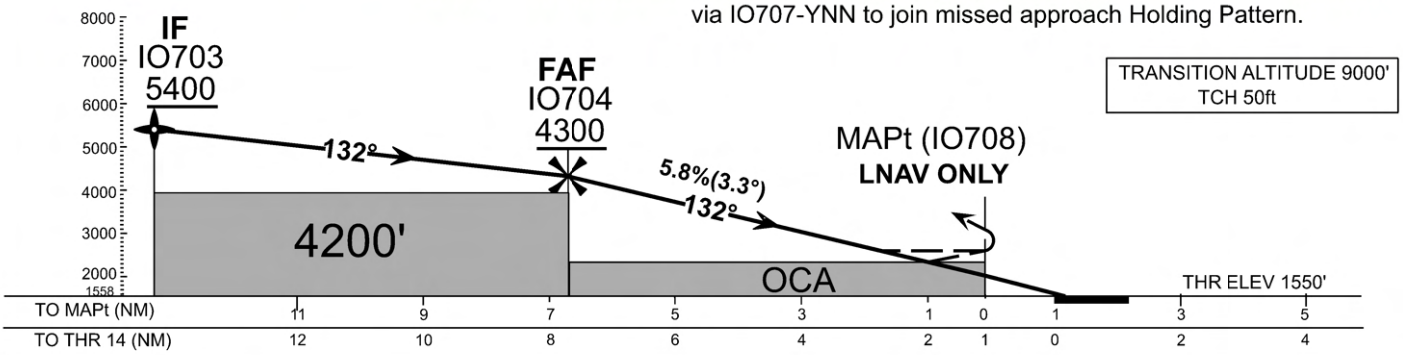
AERODROME ELEV 1558ft
OCH RELATED TO THR RWY 14-ELEV 1550ft

IOANNINA/ KING PYRROS

RNP Z RWY 14



MISSED APPROACH: On MAPt turn right (IAS MAX 185KT) climbing to 9000ft proceeding via IO707-YNN to join missed approach Holding Pattern.



TRANSITION ALTITUDE 9000'
TCH 50ft

OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	LNAV/VNAV M.A Climb Gradient 5%	2389 (839)	2389 (839)	2389 (839)	2389 (839)
	LNAV/VNAV M.A Climb Gradient 2.5%	3011 (1461)	3021 (1471)	3043 (1493)	3071 (1521)
	LNAV M.A Climb Gradient 5%	2720 (1170)			
	LNAV M.A Climb Gradient 2.5%	3190 (1640)			
Circling only SW of RWY		2900 (1350)	3300 (1750)	3500 (1950)	3900 (2350)

DIST IO708(MAPt)	NM	6.7	6.0	5.0	4.0	3.0
Altitude	ft	4300	4050	3700	3350	3000

GS	kt	80	100	120	140	160	180
IO704-FTP14 (7.7 NM)	min:sec	5:47	4:38	3:52	3:19	2:54	2:35
Rate of descent (350ft/nm)	ft/min	470	590	700	820	940	1050

Changes: Magnetiv Variation, OCH

Initial from YNN

Path Terminator	Waypoint Name	LATITUDE	LONGITUDE	FLY OVER	BEARING °M (°T)	TURN DIR	ALTITUDE (FT)	IAS (KT)	REMARKS
IF	**YNN**	39:42:00.1200 N	020:49:16.7400 E	**Y**	-	-	+9000	-210	**IAF**
TF	**IO709**	39:37:19.5729 N	020:38:59.4538 E	-	235 (239.5)	-	+9000	-210	
TF	**TILGI**	39:44:35.9300 N	020:30:05.5400 E	-	312 (316.6)	-	+8000	-200	
TF	**IO701**	39:48:38.8619 N	020:30:07.9074 E	-	355 (000.4)	-	+7000	-	
TF	**IO702**	39:50:46.5241 N	020:33:14.1743 E	-	043 (048.4)	-	+6000	-	
TF	**IO703**	39:52:47.1494 N	020:36:10.4626 E	-	043 (048.4)	-	+5400	-	**IF**
TF	**IO704**	39:48:00.7414 N	020:42:01.3847 E	-	132 (136.7)	-	+4300	-	**FAF**
CF	**IO708**	39:43:08.0435 N	020:47:59.4158 E	**Y**	132 (136.7)	-	-	-185	**MAPt (LNAV only)**
-	**FTP14**	39:42:24.3668 N	020:48:52.7367 E	-	-	-	-	-	**FTP14**
DF	**IO707**	39:41:13.9414 N	020:34:14.0701 E	**Y**	-	**R**	-	-	
DF	**YNN (MAHF)**	39:42:00.1200 N	020:49:16.7400 E	**Y**	-	**R**	+9000	-	

Initial from TILGI

Path Terminator	Waypoint Name	LATITUDE	LONGITUDE	FLY OVER	BEARING °M (°T)	TURN DIR	ALTITUDE (FT)	IAS (KT)	REMARKS
IF	**TILGI**	39:44:35.9300 N	020:30:05.5400 E	-	-	-	+8000	-200	**IAF**
TF	**IO701**	39:48:38.8619 N	020:30:07.9074 E	-	355 (000.4)	-	+7000	-	
TF	**IO702**	39:50:46.5241 N	020:33:14.1743 E	-	043 (048.4)	-	+6000	-	
TF	**IO703**	39:52:47.1494 N	020:36:10.4626 E	-	043 (048.4)	-	+5400	-	**IF**
TF	**IO704**	39:48:00.7414 N	020:42:01.3847 E	-	132 (136.7)	-	+4300	-	**FAF**
CF	**IO708**	39:43:08.0435 N	020:47:59.4158 E	**Y**	132 (136.7)	-	-	-185	**MAPt (LNAV only)**
-	**FTP14**	39:42:24.3668 N	020:48:52.7367 E	-	-	-	-	-	**FTP14**
DF	**IO707**	39:41:13.9414 N	020:34:14.0701 E	**Y**	-	**R**	-	-	
DF	**YNN (MAHF)**	39:42:00.1200 N	020:49:16.7400 E	**Y**	-	**R**	+9000	-	

HOLDING RNAV1

Path Terminator	Waypoint Name	Inbound Track	Leg distance	Turn direction	MHA	Speed limit	Navigation specification	Waypoint distance (only for RNAV systems without RNAV functionality)
HM	**YNN**	105°	3.0	R	9000	220	RNAV1	5.4NM
HM	**TILGI**	315°	3.0	L	8000	210	RNAV1	4.8NM

WAYPOINT LIST

Waypoint Name	LATITUDE	LONGITUDE
IO709	39:37:19.5729 N	020:38:59.4538 E
TILGI	39:44:35.9300 N	020:30:05.5400 E
IO701	39:48:38.8619 N	020:30:07.9074 E
IO702	39:50:46.5241 N	020:33:14.1743 E
IO703	39:52:47.1494 N	020:36:10.4626 E
IO704	39:48:00.7414 N	020:42:01.3847 E
IO708	39:43:08.0435 N	020:47:59.4158 E
IO707	39:41:13.9414 N	020:34:14.0701 E
YNN (MAHF)	39:42:00.1200 N	020:49:16.7400 E