

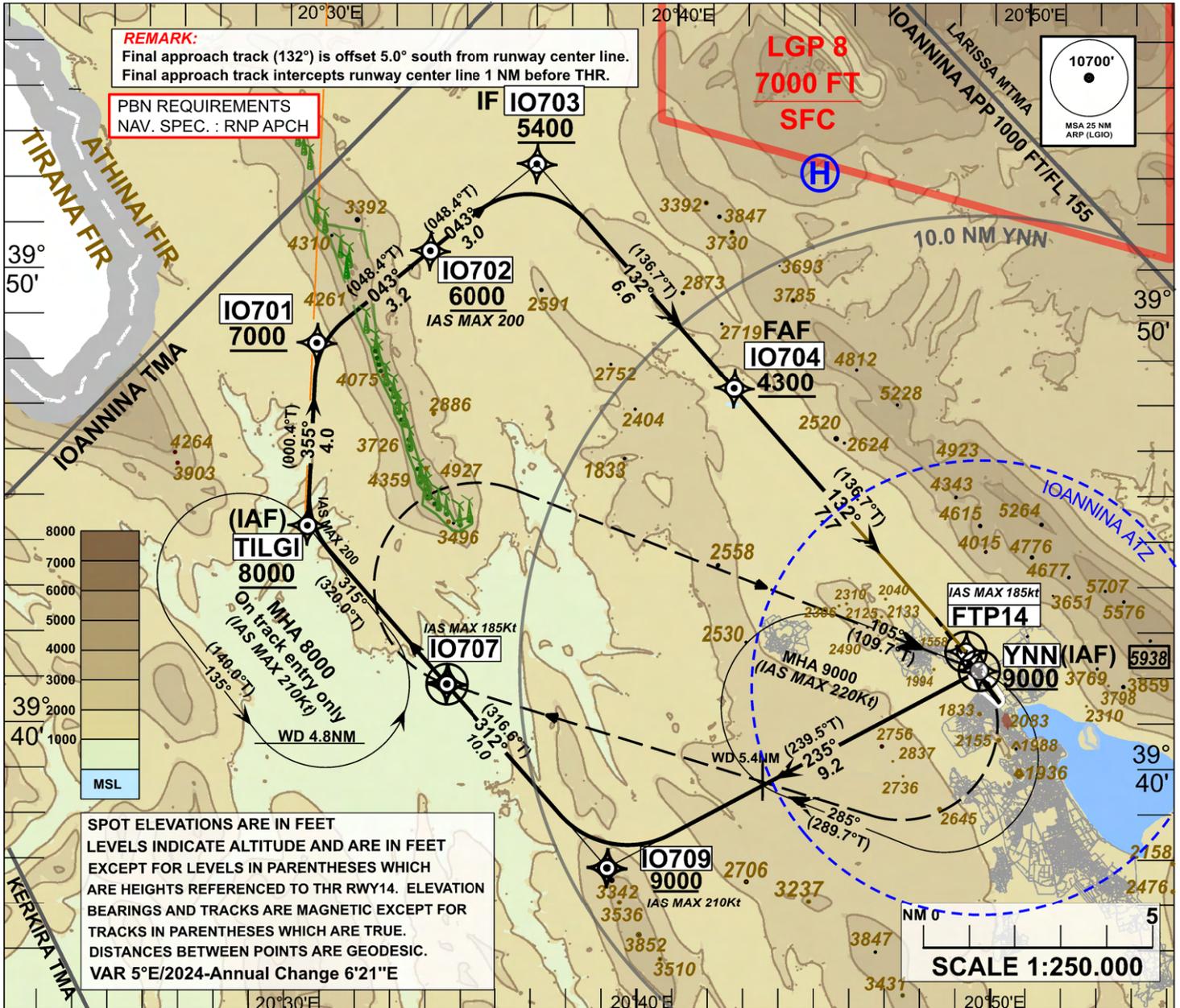
**INSTRUMENT
APPROACH
CHART-ICAO**

**EGNOS
CH 88807
E14A**

APP 118.600
TWR 132.200

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

**IOANNINA/ KING PYRROS
RNP Y RWY 14**



Changes: Magnetic Variation

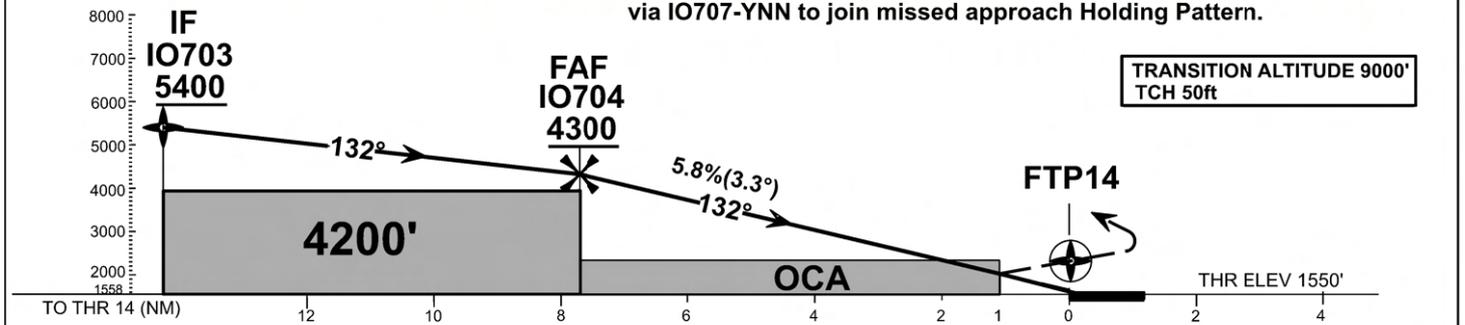
REMARK:
Final approach track (132°) is offset 5.0° south from runway center line.
Final approach track intercepts runway center line 1 NM before THR.

PBN REQUIREMENTS
NAV. SPEC.: RNP APCH

SPOT ELEVATIONS ARE IN FEET
LEVELS INDICATE ALTITUDE AND ARE IN FEET
EXCEPT FOR LEVELS IN PARENTHESES WHICH
ARE HEIGHTS REFERENCED TO THR RWY14. ELEVATION
BEARINGS AND TRACKS ARE MAGNETIC EXCEPT FOR
TRACKS IN PARENTHESES WHICH ARE TRUE.
DISTANCES BETWEEN POINTS ARE GEODESIC.
VAR 5°E/2024-Annual Change 6'21"E

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

TRANSITION ALTITUDE 9000'
TCH 50ft



OCA (OCH)	A	B	C	D	DIST FTP14	NM	7.7	7.0	6.0	5.0	4.0	
	LPV	2369 (819)	2381 (831)	2389 (839)			2400 (850)					
M.A Climb Gradient 5%					Altitude	ft	4300	4050	3700	3350	3000	
LPV	2865 (1315)	2877 (1327)	2888 (1338)	2899 (1349)	GS	kt	80	100	120	140	160	180
M.A Climb Gradient 2.5%					IO704-FTP14 (7.7 NM)	min:sec	5:47	4:38	3:52	3:19	2:54	2:35
					Rate of descent (350.3ft/nm)	ft/min	470	580	700	820	940	1050

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	FTP14	39:42:24.3668 N	020:48:52.7367 E	Y	-	-	-	-185	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	FTP14	39:42:24.3668 N	020:48:52.7367 E	Y	-	-	-	-185	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

FAS DB

Input data

Operation Type	0
SBAS Provider	1
Airport Identifier	LGIO
Runway	14
Runway Direction	0
Approach Performance Designator	0
Route Indicator	Y
Reference Path Data Selector	0
Reference Path Identifier	E14A
LTP/FTP Latitude	394224.3670N
LTP/FTP Longitude	0204852.7365E
LTP/FTP Ellipsoidal Height (metres)	505.0
FPAP Latitude	394130.5160N
Delta FPAP Latitude (seconds)	-53.8510
FPAP Longitude	0204958.4410E
Delta FPAP Longitude (seconds)	65.7045
Threshold Crossing Height	15.0
TCH Units Selector	1
Glidepath Angle (degrees)	3.30
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 0F 09 07 0C 0E C8 00 01 34 31 05 DE 50 0A 11 01 C4 EE 08 BA 27 4A 5B FE 51 01 02 2C 81 4A 01 64 00 C8 FA D8 54 E9 F5
Calculated CRC Value	D854E9F5

Required Additional Data

ICAO Code	LG
LTP/FTP Orthometric Height (metres)	472.4
FPAP Orthometric Height (metres)	474.7

WAYPOINT LIST

Waypoint Name	LATITUDE	LONGITUDE
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
IO707	39:41:13.9414 N	020:34:14.0701 E
IO709	39:37:19.5729 N	020:38:59.4538 E
FTP14	39:42:24.3668 N	020:48:52.7367 E
YNN (MAHF)	39:42:00.1200 N	020:49:16.7400 E