

# **STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO**

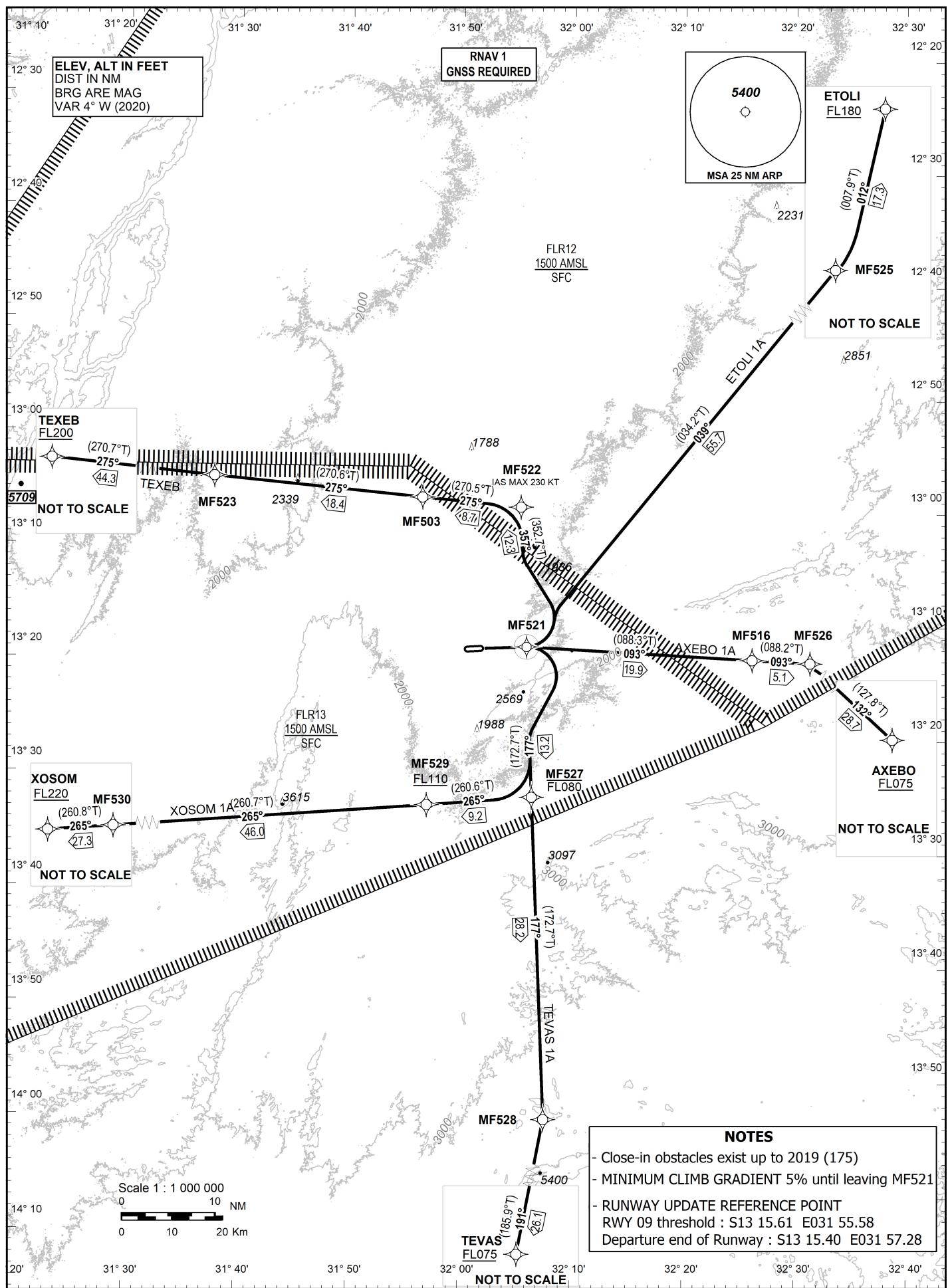
**TRANSITION ALTITUDE  
5000**

APP 120.700  
TWR 118.300

## **MFUWE/Mfuwe (FLMF)**

**RNAV SID RWY 09**

AXEBO 1A, ETOLI 1A, TEVAS 1A, TEXEB 1A, XOSOM 1A



**STANDARD DEPARTURE CHART -  
INSTRUMENT (SID) - ICAO**

**MFUWE/Mfuwe**

(FLMF)

**RNAV SID RWY 09**

AXEBO 1A, ETOLI 1A, TEVAS 1A, TEXEB 1A, XOSOM 1A

**TABULAR DESCRIPTION**

**RNAV SID RWY 09**

**AXEBO 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF521	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	MF516	-	093 (088.3)	-	19.9	-	-	-	-	-	RNAV 1
030	TF	MF526	-	093 (088.2)	-	5.1	-	-	-	-	-	RNAV 1
040	TF	AXEBO	-	132 (127.8)	-	28.7	-	+FL075	-	-	-	RNAV 1

**ETOLI 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF521	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	MF525	-	039 (034.2)	-	55.7	-	-	-	-	-	RNAV 1
030	TF	ETOLI	-	012 (007.9)	-	17.3	-	+FL180	-	-	-	RNAV 1

**TEVAS 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF521	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	MF527	-	177 (172.7)	-	13.2	-	-FL080	-	-	-	RNAV 1
030	TF	MF528	-	177 (172.7)	-	28.2	-	-	-	-	-	RNAV 1
040	TF	TEVAS	-	191 (185.9)	-	26.1	-	+FL075	-	-	-	RNAV 1

**TEXEB 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF521	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	MF522	-	357 (352.7)	-	12.3	-	-	-230	-	-	RNAV 1
030	TF	MF503	-	275 (270.5)	-	8.7	-	-	-	-	-	RNAV 1
040	TF	MF523	-	275 (270.6)	-	18.4	-	-	-	-	-	RNAV 1
050	TF	TEXEB	-	275 (270.7)	-	44.3	-	+FL200	-	-	-	RNAV 1

**XOSOM 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF521	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	MF527	-	177 (172.7)	-	13.2	-	-FL080	-230	-	-	RNAV 1
030	TF	MF529	-	265 (260.6)	-	9.2	-	+FL110	-	-	-	RNAV 1
040	TF	MF530	-	265 (260.7)	-	46.0	-	-	-	-	-	RNAV 1
050	TF	XOSOM	-	265 (260.8)	-	27.3	-	+FL220	-	-	-	RNAV 1

**STANDARD DEPARTURE CHART -  
INSTRUMENT (SID) - ICAO****MFUWE/Mfuwe****(FLMF)****RNAV SID RWY 09**

AXEBO 1A, ETOLI 1A, TEVAS 1A, TEXEB 1A, XOSOM 1A

**WAYPOINT LIST  
RNAV SID RWY 09**

WaypointIdentifier	Coordinates		WaypointIdentifier	Coordinates	
AXEBO	S 13 31 48.0	E 032 49 42.0	MF530	S 13 37 02.5	E 031 06 36.3
ETOLI	S 12 11 30.0	E 032 35 18.0	TEVAS	S 14 22 18.0	E 032 03 30.0
MF503	S 13 02 36.4	E 031 50 18.4	TEXEB	S 13 01 48.3	E 030 46 01.2
MF516	S 13 14 20.1	E 032 21 14.3	XOSOM	S 13 41 22.9	E 030 38 54.0
MF521	S 13 14 57.1	E 032 00 50.4			
MF522	S 13 02 41.3	E 031 59 14.0			
MF523	S 13 02 24.0	E 031 31 25.6			
MF525	S 12 28 41.2	E 032 32 52.2			
MF526	S 13 14 10.3	E 032 26 27.6			
MF527	S 13 28 06.7	E 032 02 34.2			
MF528	S 13 56 12.7	E 032 06 16.3			
MF529	S 13 29 37.1	E 031 53 13.3			

**ROUTING**

NAME	TEXT
AXEBO 1A	Minimum climb gradient 5.0% until MF521. After take -off climb on course 087° to MF521, track 093° to MF516, track 093° to MF526 then track 132° to AXEBO.  MCA/MCL: AXEBO AT or ABOVE FL075.
ETOLI 1A	Minimum climb gradient 5.0% until MF521. After take -off climb on course 087° to MF521, track 039° to MF525, then track 012° to ETOLI.  MCA/MCL: ETOLI AT or ABOVE FL180.
TEVAS 1A	Minimum climb gradient 5.0% until MF521. After take -off climb on course 087° to MF521, track 177° to MF527, track 177° to MF528, then track 191° to TEVAS.  MCA/MCL: MF527 AT or BELOW FL080, TEVAS AT or ABOVE FL075.
TEXEB 1A	Minimum climb gradient 5.0% until MF521. After take -off climb on course 087° to MF521, track 357° to MF522, track 275° to MF503, track 275° to MF523, then track 275° to TEXEB. IAS MAX 230 KT until MF522.  MCA/MCL: TEXEB AT or ABOVE FL200.
XOSOM 1A	Minimum climb gradient 5.0% until MF521. After take -off climb on course 087° to MF521, track 177° to MF527, track 265° to MF529, track 265° to MF530, then track 265° to XOSOM. IAS MAX 230 KT until MF527.  MCA/MCL: MF527 AT or BELOW FL080, MF529 AT or ABOVE FL110, XOSOM AT or ABOVE FL220.

**THIS PAGE  
INTENTIONALLY  
LEFT BLANK**

**STANDARD DEPARTURE CHART -  
INSTRUMENT (SID) - ICAO**

**TRANSITION ALTITUDE  
5000**

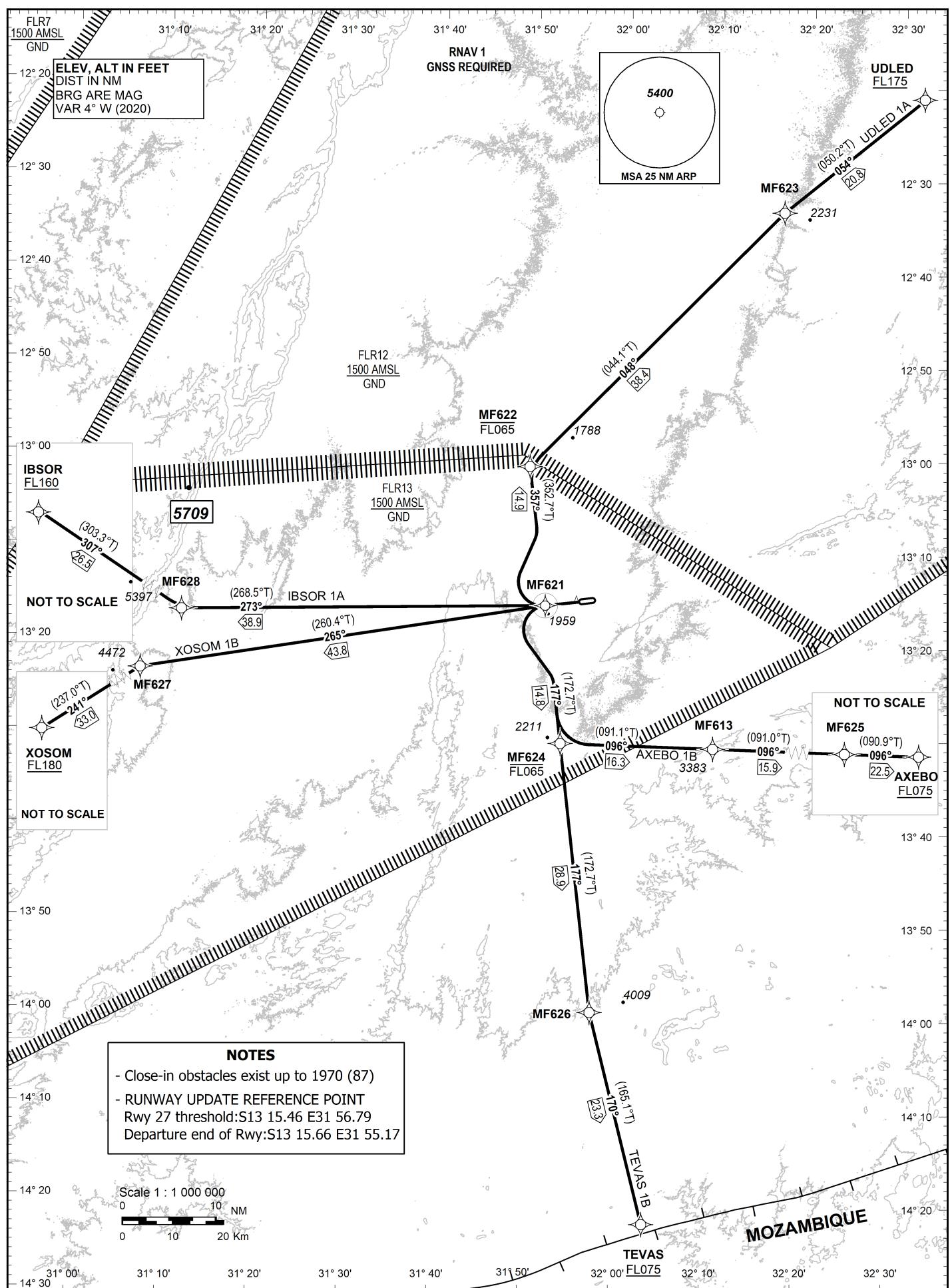
**APP 120.700  
TWR 118.300**

**MFUWE/Mfuwe**

**(FLMF)**

**RNAV SID RWY 27**

AXEBO 1B, IBSOR 1A, TEVAS 1B, UDLED 1A, XOSOM 1B



**STANDARD DEPARTURE CHART -  
INSTRUMENT (SID) - ICAO**

**MFUWE/Mfuwe**

**(FLMF)**

**RNAV SID RWY 27**

AXEBO 1B, IBSOR 1A, TEVAS 1B, UDLED 1A, XOSOM 1B

**TABULAR DESCRIPTION**

**RNAV SID RWY 27**

**AXEBO 1B**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF621	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	MF624	-	177 (172.7)	-	14.8	-	-FL065	-	-	-	RNAV 1
030	TF	MF613	-	096 (091.1)	-	16.3	-	-	-	-	-	RNAV 1
040	TF	MF625	-	096 (091.0)	-	15.9	-	-	-	-	-	RNAV 1
050	TF	AXEBO	-	096 (090.9)	-	22.5	-	+FL075	-	-	-	RNAV 1

**IBSOR 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF621	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	MF628	-	273 (268.5)	-	38.9	-	-	-	-	-	RNAV 1
030	TF	IBSOR	-	307 (303.3)	-	26.5	-	+FL160	-	-	-	RNAV 1

**TEVAS 1B**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF621	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	MF624	-	177 (172.7)	-	14.8	-	-FL065	-	-	-	RNAV 1
030	TF	MF626	-	177 (172.7)	-	28.9	-	-	-	-	-	RNAV 1
040	TF	TEVAS	-	170 (165.1)	-	23.3	-	-	-	-	-	RNAV 1

**UDLED 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF621	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	MF622	-	357 (352.7)	-	14.9	-	-FL065	-	-	-	RNAV 1
030	TF	MF623	-	048 (044.1)	-	38.4	-	-	-	-	-	RNAV 1
040	TF	UDLED	-	054 (050.2)	-	20.8	-	+FL175	-	-	-	RNAV 1

**XOSOM 1B**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	CF	MF621	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	MF627	-	265 (260.4)	-	43.8	-	-	-	-	-	RNAV 1
030	TF	XOSOM	-	241 (237.0)	-	33.0	-	+FL180	-	-	-	RNAV 1

**STANDARD DEPARTURE CHART -  
INSTRUMENT (SID) - ICAO****MFUWE/ Mfuwe****(FLMF)****RNAV SID RWY 27**

AXEBO 1B, IBSOR 1A, TEVAS 1B, UDLED 1A, XOSOM 1B

**WAYPOINT LIST  
RNAV SID RWY 27**

WaypointIdentifier	Coordinates		WaypointIdentifier	Coordinates	
AXEBO	S 13 31 48.0	E 032 49 42.0	UDLED	S 12 20 06.5	E 032 33 22.3
IBSOR	S 13 02 25.2	E 030 49 02.7	XOSOM	S 13 41 22.9	E 030 38 54.0
MF613	S 13 31 10.2	E 032 10 16.5			
MF621	S 13 16 06.6	E 031 51 36.9			
MF622	S 13 01 13.3	E 031 49 40.3			
MF623	S 12 33 30.9	E 032 17 00.2			
MF624	S 13 30 52.2	E 031 53 32.6			
MF625	S 13 31 26.6	E 032 26 37.7			
MF626	S 13 59 40.1	E 031 57 19.3			
MF627	S 13 23 22.0	E 031 07 19.2			
MF628	S 13 17 02.9	E 031 11 45.0			
TEVAS	S 14 22 18.0	E 032 03 30.0			

**ROUTING**

NAME	TEXT
AXEBO 1B	After take-off climb on course 267° to MF621, track 177° to MF624, track 096° to MF613, track 096° to MF625, then track 096° to AXEBO.  MCA/MCL: MF624 AT or BELOW FL065, AXEBO AT or ABOVE FL075.
IBSOR 1A	After take-off climb on course 267° to MF621, track 273° to MF628, then track 307° to IBSOR.  MCA/MCL: IBSOR AT or ABOVE FL160.
TEVAS 1B	After take-off climb on course 267° to MF621, track 177° to MF624, track 177° to MF626, then track 170° to TEVAS.  MCA/MCL: MF624 AT or BELOW FL065.
UDLED 1A	After take-off climb on course 267° to MF621, track 357° to MF622, track 048° to MF623, then track 054° to UDLED.  MCA/MCL: MF622 AT or BELOW FL065, UDLED AT or ABOVE FL175.
XOSOM 1B	After take-off climb on course 267° to MF621, track 265° to MF627, then track 241° to XOSOM.  MCA/MCL: XOSOM AT or ABOVE FL180.

**THIS PAGE  
INTENTIONALLY  
LEFT BLANK**