

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

**TRANSITION ALTITUDE
5000**

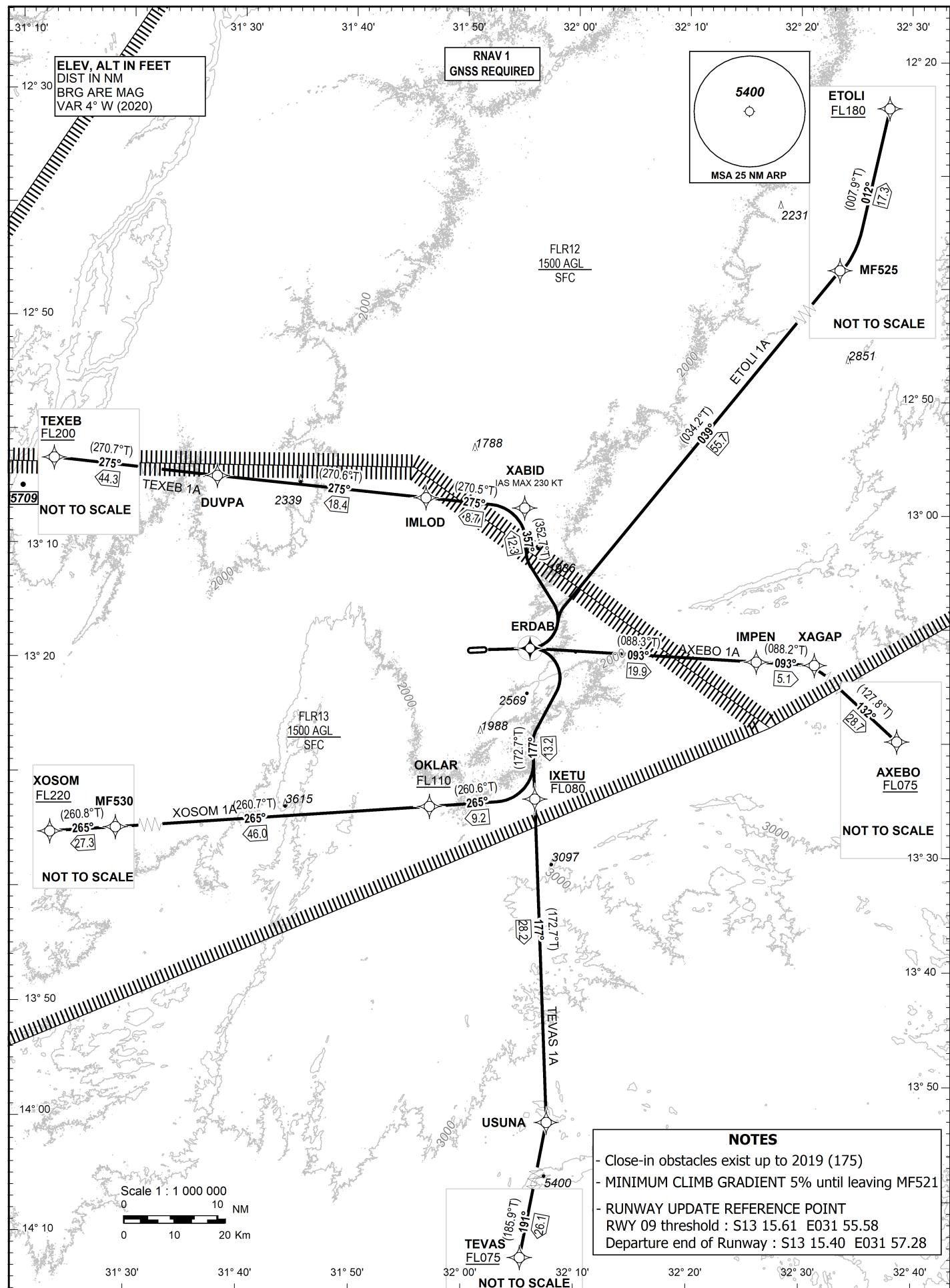
APP 120.700
TWR 118.300

MFUWE/Mfuwe

(FLMF)

RNAV SID RWY 09

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



Zambia Airports Corporation Limited

CHANGE: New Chart

AIRAC AMDT 03/22

**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	ERDAB	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	IMPEN	-	093 (088.3)	-	19.9	-	-	-	-	-	RNAV 1
030	TF	XAGAP	-	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	ERDAB	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	ERDAB	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	IXETU	-	177 (172.7)	-	13.2	-	-FL080	-	-	-	RNAV 1
030	TF	USUNA	-	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	ERDAB	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	XABID	-	357 (352.7)	-	12.3	-	-	-230	-	-	RNAV 1
030	TF	IMLOD	-	275 (270.5)	-	8.7	-	-	-	-	-	RNAV 1
040	TF	DUVPA	-	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	ERDAB	Y	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
020	TF	IXETU	-	177 (172.7)	-	13.2	-	-FL080	-230	-	-	RNAV 1
030	TF	OKLAR	-	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
IMLOD	S 13 02 36.4	E 031 50 18.4	TEXEB	S 13 01 48.3	E 030 46 01.2
IMPEN	S 13 14 20.1	E 032 21 14.3	XOSOM	S 13 41 22.9	E 030 38 54.0
ERDAB	S 13 14 57.1	E 032 00 50.4			
XABID	S 13 02 41.3	E 031 59 14.0			
DUVPA	S 13 02 24.0	E 031 31 25.6			
MF525	S 12 28 41.2	E 032 32 52.2			
XAGAP	S 13 14 10.3	E 032 26 27.6			
IXETU	S 13 28 06.7	E 032 02 34.2			
USUNA	S 13 56 12.7	E 032 06 16.3			
OKLAR	S 13 29 37.1	E 031 53 13.3			

ROUTING

NAME	TEXT
AXEBO 1A	Minimum climb gradient 5.0% until ERDAB. After take-off climb on course 087° to ERDAB, track 093° to IMPEN, track 093° to XAGAP then track 132° to AXEBO. MCA/MCL: AXEBO AT or ABOVE FL075.
ETOLI 1A	Minimum climb gradient 5.0% until ERDAB. After take-off climb on course 087° to ERDAB, track 039° to MF525, then track 012° to ETOLI. MCA/MCL: ETOLI AT or ABOVE FL180.
TEVAS 1A	Minimum climb gradient 5.0% until ERDAB. After take-off climb on course 087° to ERDAB, track 177° to IXETU, track 177° to USUNA, then track 191° to TEVAS. MCA/MCL: IXETU AT or BELOW FL080, TEVAS AT or ABOVE FL075.
TEXEB 1A	Minimum climb gradient 5.0% until ERDAB. After take-off climb on course 087° to ERDAB, track 357° to XABID, track 275° to IMLOD, track 275° to DUVPA, then track 275° to TEXEB. IAS MAX 230 KT until XABID. MCA/MCL: TEXEB AT or ABOVE FL200.
XOSOM 1A	Minimum climb gradient 5.0% until ERDAB. After take-off climb on course 087° to ERDAB, track 177° to IXETU, track 265° to OKLAR, track 265° to MF530, then track 265° to XOSOM. IAS MAX 230 KT until IXETU. MCA/MCL: IXETU AT or BELOW FL080, OKLAR AT or ABOVE FL110, XOSOM AT or ABOVE FL220.

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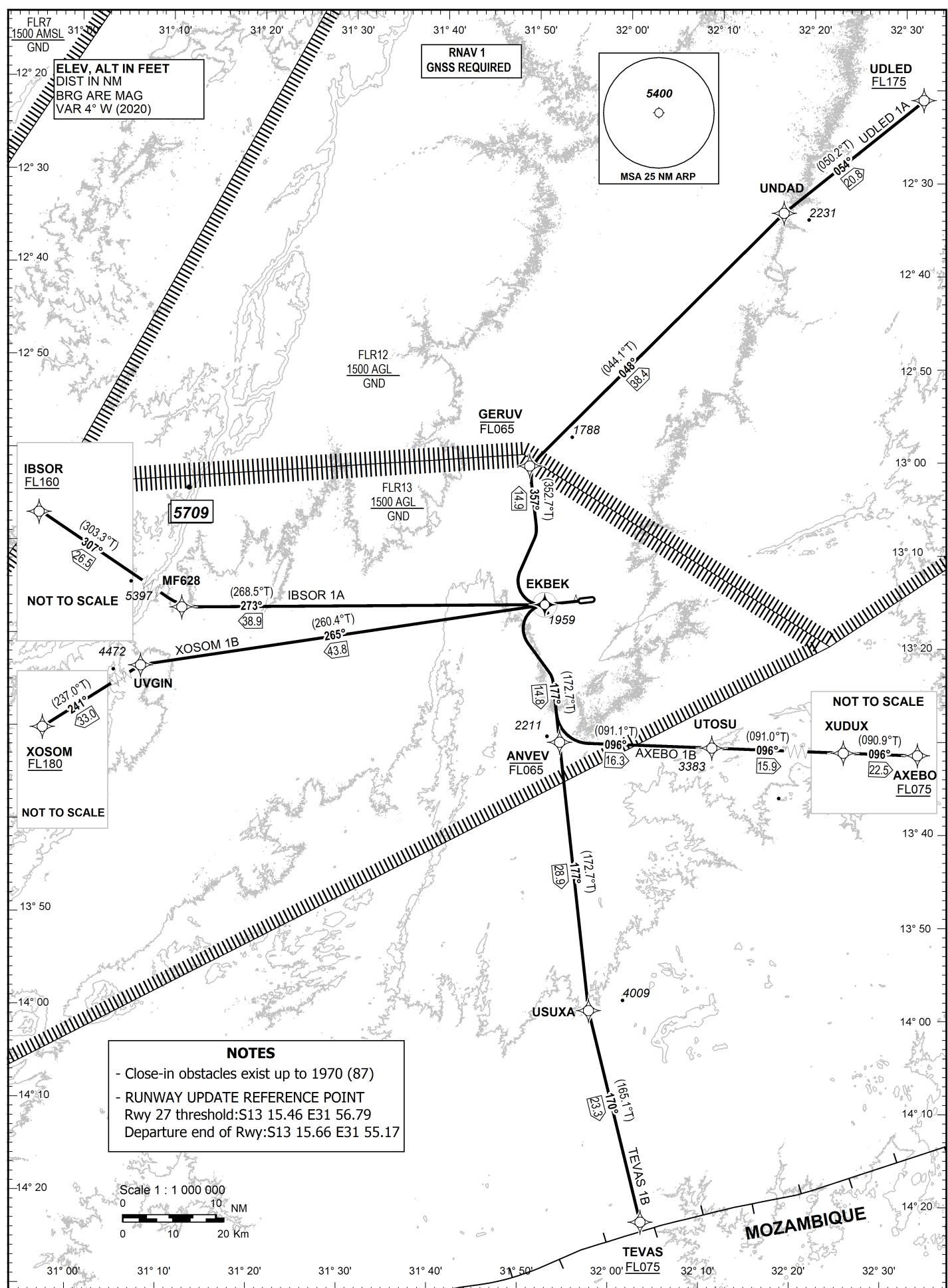
STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAOTRANSITION ALTITUDE
5000APP 120.700
TWR 118.300

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	EKBEK	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	ANVEV	-	177 (172.7)	-	14.8	-	-FL065	-	-	-	RNAV 1
030	TF	UTOSU	-	096 (091.1)	-	16.3	-	-	-	-	-	RNAV 1
040	TF	XUDUX	-	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	EKBEK	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	EKBEK	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	ANVEV	-	177 (172.7)	-	14.8	-	-FL065	-	-	-	RNAV 1
030	TF	USUXA	-	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	EKBEK	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	GERUV	-	357 (352.7)	-	14.9	-	-FL065	-	-	-	RNAV 1
030	TF	UNDAD	-	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	EKBEK	Y	267 (262.7)	-4.3	3.9	-	-	-	-	-	RNAV 1
020	TF	UVGIN	-	265 (260.4)	-	43.8	-	-	-	-	-	RNAV 1
030	TF	XOSOM	-	241 (237.0)	-	33.0	-	+FL180	-	-	-	RNAV 1

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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
UTOSU	S 13 31 10.2	E 032 10 16.5			
EKBEK	S 13 16 06.6	E 031 51 36.9			
GERUV	S 13 01 13.3	E 031 49 40.3			
UNDAD	S 12 33 30.9	E 032 17 00.2			
ANVEV	S 13 30 52.2	E 031 53 32.6			
XUDUX	S 13 31 26.6	E 032 26 37.7			
USUXA	S 13 59 40.1	E 031 57 19.3			
UVGIN	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 EKBEK, track 177° to ANVEV, track 096° to UTOSU, track 096° to XUDUX, then track 096° to AXEBO. MCA/MCL: ANVEV AT or BELOW FL065, AXEBO AT or ABOVE FL075.
IBSOR 1A	After take-off climb on course 267° to EKBEK, 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 EKBEK, track 177° to ANVEV, track 177° to USUXA, then track 170° to TEVAS. MCA/MCL: ANVEV AT or BELOW FL065.
UDLED 1A	After take-off climb on course 267° to EKBEK, track 357° to GERUV, track 048° to UNDAD, then track 054° to UDLED. MCA/MCL: GERUV AT or BELOW FL065, UDLED AT or ABOVE FL175.
XOSOM 1B	After take-off climb on course 267° to EKBEK, track 265° to UVGIN, then track 241° to XOSOM. MCA/MCL: XOSOM AT or ABOVE FL180.

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