STANDARD DEPARTURE CHART -MFUWE/Mfuwe **INSTRUMENT (SID) - ICAO** TRANSITION ALTITUDE APP 120.700 (FLMF) 5000 TWR 118.300 **RNAV SID RWY 09** AXEBO 1A, ETOLI 1A, TEVAS 1A, TEXEB 1A, XOSOM 1A 31° 10' 31° 30' 31° 40' 31° 50' 32° 10' 32° 00 32° 20 32° 30' RNAV 1 12° 20 ELEV, ALT IN FEET DIST IN NM BRG ARE MAG **GNSS REQUIRED** 5400 **ETOLI** VAR 4° W (2020) Q FL180 MSA 25 NM ARP (007 00 FLR12 1500 AGL MF525 SEC **NOT TO SCALE** 2851 **TEXEB** ₁1788 2759 **XABID** 44.3 5709 DUVPA NOT TO SCALE 13° 00 IMLOD DETU FLORING MARKET TO SEE TO 13° 50 USUNA **NOTES** Close-in obstacles exist up to 2019 (175) MINIMUM CLIMB GRADIENT 5% until leaving MF521 5400 Scale 1: 1 000 000 10 RUNWAY UPDATE REFERENCE POINT RWY 09 threshold: S13 15.61 E031 55.58 10 20 Km Departure end of Runway: S13 15.40 E031 57.28 32° 30' 31° 30' 31° 40' 31° 50' NOT TO SCALE 32° 20' _32° 40'

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
II	010	CF	ERDAB	Υ	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
Ш	020	TF	IMPEN	-	093 (088.3)	-	19.9	-	1	-	-	1	RNAV 1
Ш	030	TF	XAGAP	-	093 (088.2)	-	5.1	-	-	-	-	-	RNAV 1
П	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	Υ	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
	020	TF	MF525	-	039 (034.2)	-	55.7	-	-	-	-	-	RNAV 1
I[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	Υ	087 (082.7)	-4.3	-	-	-	-	5.0	1	RNAV 1
020	TF	IXETU	-	177 (172.7)	-	13.2	-	-FL080	-	-	1	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

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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	Υ	087 (082.7)	-4.3	-	-	-	-	5.0	•	RNAV 1
020	TF	XABID	-	357 (352.7)	-	12.3	-	-	-230	-	1	RNAV 1
030	TF	IMLOD	-	275 (270.5)	-	8.7	-	-	1	-	1	RNAV 1
040	TF	DUVPA	-	275 (270.6)	=	18.4	-	-	-	-	1	RNAV 1
050	TF	TEXEB	-	275 (270.7)	-	44.3	-	+FL200	-	-	-	RNAV 1

XOSOM 1A

Sei Num		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
0.	10	CF	ERDAB	Υ	087 (082.7)	-4.3	-	-	-	-	5.0	-	RNAV 1
02	20	TF	IXETU	-	177 (172.7)	-	13.2	-	-FL080	-230	-	-	RNAV 1
00	30	TF	OKLAR	-	265 (260.6)	-	9.2	-	+FL110	-	-	-	RNAV 1
04	40	TF	MF530	-	265 (260.7)	=	46.0	-	-	-	-	-	RNAV 1
0:	50	TF	XOSOM	-	265 (260.8)	-	27.3	-	+FL220	-	-	-	RNAV 1

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MFUWE/Mfuwe (FLMF) RNAV SID RWY 09

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

WAYPOINT LIST RNAV SID RWY 09

WaypointIdentifier	Cool	rdinates	WaypointIdentifier	Coo	rdinates
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 XAG AP 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 IML OD, 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.