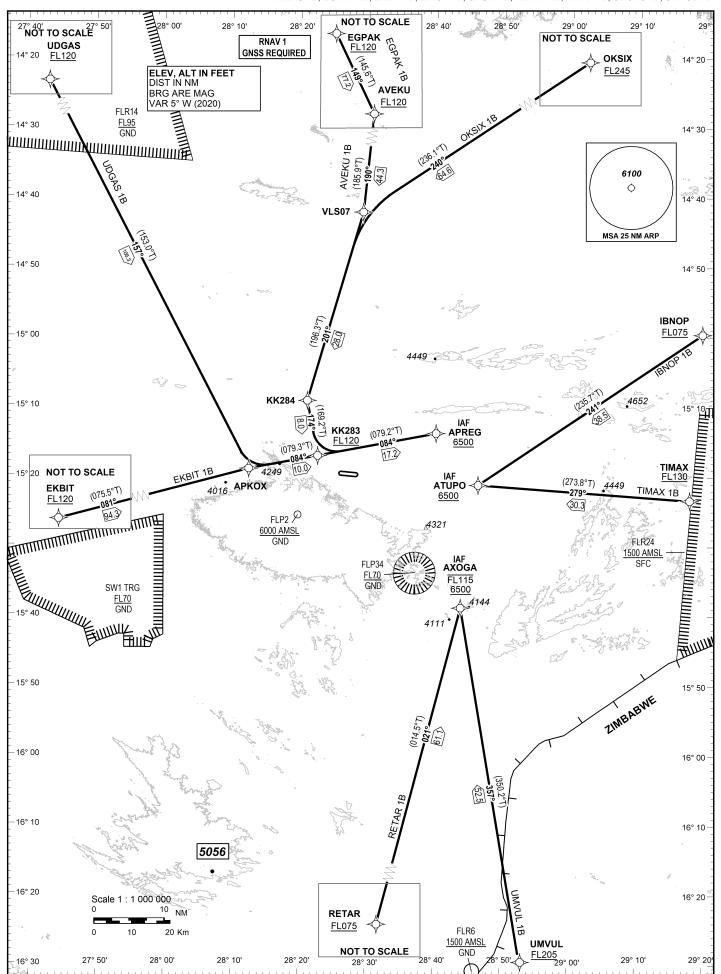
STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE 6000 APP 121.300 120.100 TWR 118.100

KENNETH KAUNDA INTL/Lusaka (FLKK) RNAV STAR RWY 28

AVEKU 1B, EGPAK 1B, EKBIT 1B, IBNOP 1B, OKSIX 1B, RETAR 1B, TIMAX 1B, UDGAS 1B, UMVUL 1B



STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

KENNETH KAUNDA INTL/Lusaka (FLKK) RNAV STAR RWY 28

NAV ST VEKU 18	TAR RWY 2 B	28										
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	IF	AVEKU	-	-	-	-	-	+FL120	-	-	-	RNAV 1
020	TF	VLS07	-	190 (185.9)	-	44.3	-	-	-	-	-	RNAV 1
030	TF	KK284	-	201 (196.3)	-	28.0	-	-	-	-	-	RNAV 1
040	TF	KK283	-	174 (169.2)	-	8.0	-	+FL120	-	-	-	RNAV 1
050	TF	APREG	-	084 (079.2)	-	17.2	-	+6500	-	-	-	RNAV 1
SPAK 1E		<u> </u>	1	ı	T	T		1		1		
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
10	IF	EGPAK	-		variation ()	Buration	Direction	+FL120	(1/1)		14040103	RNAV 1
20	TF	AVEKU	+ -	149 (145.6)	-	77.2	-	+FL120	-	-	-	RNAV 1
30	TF	VLS07	<u> </u>	190 (185.9)	_	44.3	_	-	_	-	-	RNAV 1
40	TF	KK284	-	201 (196.3)	-	28.0	_	-	_	-	-	RNAV 1
50	TF	KK283	-	174 (169.2)	-	7.3	-	-	_	-	-	RNAV 1
60	TF	APREG	-	084 (079.2)	-	16.5	-	+6500	-	-	-	RNAV 1
KBIT 1B			•				•			•		
Serial	Path	Waypoint	Fly-	Course M°(T°)	Magnetic	Distance (NM) /	Turn	Altitude (FT)	Speed Limit	VPA (%)	Rec	Navigation
Number	Descriptor	Identifier	over	Oddrse W (1)	Variation (°)	Duration	Direction	` `	(KT)	V/ A (70)	Navaids	Specification
010	IF TE	EKBIT	-	- 001 (075 5)	-	- 04.2	-	+FL120	-	-	-	RNAV 1
020	TF TF	APKOX KK283	-	081 (075.5)	-	94.3	-	+FL120	-	-	-	RNAV 1 RNAV 1
040	TF	APREG	+-	084 (079.3) 084 (079.2)	-	17.2	-	+6500	-	-	-	RNAV 1
NOP 1B		AFREG	-	004 (079.2)	-	17.2	-	+0000	-	-	-	KINAV I
Serial	Path	Waypoint	Fly-	0 140/70)	Magnetic	Distance (NM) /	Turn	AUC L (ET)	Speed Limit	1/04 (0/)	Rec	Navigation
Number	Descriptor	Identifier	over	Course M°(T°)	Variation (°)	Duration	Direction	Altitude (FT)	(KT)	VPA (%)	Navaids	Specification
010	IF	IBNOP	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	ATUPO	-	241 (235.7)	-	38.5	-	+6500	-	-	-	RNAV 1
KSIX 1B	3	1	_	T		T		1		1		
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	IF	OKSIX	-	-	-	-	-	+FL245	-	-	-	RNAV 1
020	TF	VLS07	-	240 (236.1)	-	64.6	-	-	-	-	-	RNAV 1
030	TF	KK284	-	201 (196.3)	-	28.0	-	-	-	-	-	RNAV 1
040 050	TF TF	KK283 APREG	-	174 (169.2)	-	8.0 17.2	-	+FL120 +6500	-	-	-	RNAV 1 RNAV 1
ETAR 1E	1	APREG	-	084 (079.2)	-	17.2	-	+6500	-	-	-	KINAV I
Serial	Path	Waypoint	Fly-	Course M°(T°)	Magnetic	Distance (NM) /	Turn	Altitudo (ET)	Speed Limit	VDA (9/1	Rec	Navigation
Number	Descriptor	Identifier	over	Course IVI (1)	Variation (°	Duration	Direction	Altitude (FT)	(KT)	VPA (%)	Navaids	Specification
010	IF	RETAR	-	-	-	-	-	+FL075 -FL115	-	-	-	RNAV 1
020	TF	AXOGA	-	021 (014.5)	-	61.1	-	+6500	-	-	-	RNAV 1
MAX 1B	1				T							
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	IF	TIMAX	-	-	-	-	-	+FL130	-	-	-	RNAV 1
020	TF	ATUPO	-	279 (273.8)	-	30.3	-	+6500	-	-	-	RNAV 1
DGAS 1			Τ	I	T "	I 5 aun.				1	-	
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
010 020	IF TF	UDGAS APKOX	-	157 (153.0)	-	105.3	-	+FL120	-	-	-	RNAV 1 RNAV 1
030	TF	KK283	-	084 (079.3)	-	10.0	-	+FL120		-	-	RNAV 1
040	TF	APREG	+ -	084 (079.2)	-	17.2	-	+6500	-	-	-	RNAV 1
MVUL 1		7.11120	1	1 001 (010.2)	1	1 17.2	1	- 5000		1	ı	1517/17 1
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
	IF	UMVUL	-	-	-	-	-	+FL205	-	-	-	RNAV 1
010		1	1	1				-FL115		1		
010 020	TF	AXOGA	_	357 (350.2)	-	52.5	-	+6500	_	-	_	RNAV 1

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KENNETH KAUNDA INTL/Lusaka (FLKK) RNAV STAR RWY 28

E 029 17 36.0 E 027 22 58.5 E 028 53 08.0 E 028 29 11.0

Coordinates

AVEKU 1B, EGPAK 1B, EKBIT 1B, IBNOP 1B, OKSIX 1B, RETAR 1B, TIMAX 1B, UDGAS 1B, UMVUL 1B

WAYPOINT LIST RNAV STAR RWY 28

WaypointIdentifier	Coor	rdinates	WaypointIdentifier	(
APKOX	S 15 19 05.0	E 028 12 26.6	TIMAX	S 15 23 24.0
APREG	S 15 13 58.0	E 028 40 05.4	UDGAS	S 13 44 59.6
ATUPO	S 15 21 21.7	E 028 46 20.0	UMVUL	S 16 30 52.0
AVEKU	S 13 57 60.0	E 028 33 54.0	VLS07	S 14 42 17.0
AXOGA	S 15 38 57.6	E 028 43 50.8		
EGPAK	S 12 54 06.0	E 027 49 06.0		
EKBIT	S 15 43 05.0	E 026 37 59.0		
IBNOP	S 14 59 36.0	E 029 19 18.0		
KK283	S 15 17 12.6	E 028 22 36.5		
KK284	S 15 09 19.0	E 028 21 03.7		
OKSIX	S 14 06 12.0	E 029 24 30.0		
RETAR	S 16 37 46.8	E 028 28 18.0		

ROUTING

NAME	ТЕХТ					
AVEKU 1B	From AVEKU track 190° to VLS07, track 201° to KK284, track 174° to KK283, track 084° to APREG.					
	MEL/MEA: AVEKU AT or ABOVE FL120, KK283 AT or ABOVE FL120, APREG AT or ABOVE 6500'.					
EGPAK 1B	From EGPAK track 149° to AVEKU, track 190° to VLS07, track 201° to KK284, track 174° to KK283, track 084° to APREG.					
	MEL/MEA: EGPAK AT or ABOVE FL120, KK283 AT or ABOVE FL120, APREG AT or ABOVE 6500'.					
EKBIT 1B	From EKBIT track 081° to APKOX, track 084° to KK283, track 084° to APREG.					
	MEL/MEA: EKBIT AT or ABOVE FL120, KK283 AT or ABOVE FL120, APREG AT or ABOVE 6500'.					
IBNOP 1B	From IBNOP track 241° to ATUPO.					
	MEL/MEA: IBNOP AT or ABOVE FL075, ATUPO AT or ABOVE 6500°.					
OKSIX 1B	From OKSIX track 240° to VLS07, track 201° to KK284, track 174° to KK283, track 084° to APREG.					
	MEL/MEA: OKSIX AT or ABOVE FL245, KK283 AT or ABOVE FL120, APREG AT or ABOVE 6500'.					
RETAR 1B	From RETAR track 021° to AXOGA.					
	MEL/MEA: RETAR AT or ABOVE FL075, AXOGA BETWEEN FL115 and 6500'.					
TIMAX 1B	From TIMAX track 241° to ATUPO.					
	MEL/MEA: TIMAX AT or ABOVE FL130, ATUPO AT or ABOVE 6500'.					
UDGAS 1B	From UDGAS track 157° to APKOX, track 084° to KK283, track 084° to APREG.					
	MEL/MEA: UDGAS AT or ABOVE FL120, KK283 AT or ABOVE FL120, APREG AT or ABOVE 6500'.					
UMVUL 1B	From UMVUL track 357° to AXOGA.					
	MEL/MEA: UMVUL AT or ABOVE FL205, AXOGA BETWEEN FL115 and 6500'.					