

**STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO**

TRANSITION ALTITUDE  
11 000FT

**MUKAH/MUKAH(WBGK)  
RNAV (GNSS) RWY 33**

TOSOD 1P ADGAB 1P BASUV 1P  
NOLUS 1P PILAX 1P

**TABULAR DESCRIPTION**

**TOSOD ONE PAPA ARRIVAL (TOSOD 1P) FROM AIRWAY G580**

NO.	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE (NM)	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAV SPEC
010	IF	TOSOD	N	-	-	-	+7000	-	-
020	TF	GK374	N	208°	16.4	-	+5000	-	RNAV 1
030	TF	KILID (IAF)	N	207°	7.9	-	+2800	-	RNAV 1
040	TF	VATSO (IF)	N	257°	3.9	R	+1700	-	RNP APCH

**ADGAB ONE PAPA ARRIVAL (ADGAB 1P) FROM AIRWAY W447**

NO.	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE (NM)	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAV SPEC
010	IF	ADGAB	N	-	-	-	+7000	-	-
020	TF	GK380	N	250°	11.0	-	+7000	-	RNAV 1
030	TF	GK374	N	230°	13.7	L	+5000	-	RNAV 1
040	TF	KILID (IAF)	N	207°	7.9	L	+2800	-	RNAV 1
050	TF	VATSO (IF)	N	257°	3.9	R	+1700	-	RNP APCH

**BASUV ONE PAPA ARRIVAL (BASUV 1P) FROM AIRWAY G460**

NO.	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE (NM)	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAV SPEC
010	IF	BASUV	N	-	-	-	+7000	-	-
020	TF	GK378	N	272°	13.2	-	+7000	-	RNAV 1
030	TF	KILID (IAF)	N	249°	18.6	L	+2800	-	RNAV 1
040	TF	VATSO (IF)	N	257°	3.9	R	+1700	-	RNP APCH

**NOLUS ONE PAPA ARRIVAL (NOLUS 1P) FROM AIRWAY W456**

NO.	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE (NM)	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAV SPEC
010	IF	NOLUS	N	-	-	-	+5000	-	-
020	TF	GK375	N	003°	5.6	-	+3100	-	RNAV 1
030	TF	METIK (IAF)	N	070°	4.2	R	+2500	-	RNAV 1
040	TF	VATSO (IF)	N	035°	4.0	L	+1700	-	RNP APCH

**PILAX ONE PAPA ARRIVAL (PILAX 1P) FROM AIRWAY G580**

NO.	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE (NM)	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAV SPEC
010	IF	PILAX	N	-	-	-	+7000	-	-
020	TF	GK377	N	048°	32.9	-	+5000	-	RNAV 1
030	TF	GK375	N	091°	13.5	R	+3100	-	RNAV 1
040	TF	METIK (IAF)	N	070°	4.2	L	+2500	-	RNAV 1
050	TF	VATSO (IF)	N	035°	4.0	L	+1700	-	RNP APCH