

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		RNP: DA CLIMB TO 3000 ON TRACK 238.49 TO YACUR, RIGHT TURN TO WADEG, THEN TRACK 066.79 TO VUZ VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 229.00 INBOUND. DISTANCE TO THLD FROM 509 HAT: 1.44 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 692.3 MSL (DO NOT CHART)					
LDK VORTAC		JAVJA (TF) (FB) (RNP 2.00)		060.84 / 7.00				9000							
JAVJA (IAF)		ISOJO (TF) (FB) (RNP 1.00)		061.37 / 12.20				6000							
ISOJO		HESGA (TF) (FB) (RNP 1.00)		060.73 / 19.14				4000							
HESGA		LISRE (TF) (FB) (RNP 1.00)		056.26 / 9.20				3000							
WENDO		MREKK (TF) (FB) (RNP 2.00)		235.89 / 10.10				6000							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT LOWGA 3. FAC: <u>238.52</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: LOWGA 2200 5. DIST TO THLD FROM OM: <u>4.73</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2200</u> GS ALT AT: LOWGA 2200 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>51.9#</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW24 3100															
										MAG VAR: 3W			EPOCH YEAR: 2010		
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD					
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.15 DA	1150	1 1/4	509	1150	1 1/4	509	1150	1 1/4	509	1150	1 1/4	509			
RNP 0.30 DA	1244	1 5/8	603	1244	1 5/8	603	1244	1 5/8	603	1244	1 5/8	603			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 54C (130F). CHART NOTE: RF REQUIRED. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KYLEE ON V159-521 SOUTHEASTBOUND AND V66 EASTBOUND. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 650 TDZE: 641				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BIRMINGHAM, AL		AIRPORT NAME: BIRMINGHAM-SHUTTLESWORTH INTL				RNAV		RNAV (RNP) Z RWY 24, AMDT 2 17 AUGUST 2017				AMDT: 1			
												DATED 04/28/2016			



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TERMINAL ROUTES, (CONT.):					
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
MREKK (IAF)	SPATT (TF) (FB) (RNP 1.00)	235.80 / 6.71	4000		
KYLEE	WEDEB (TF) (FB) (RNP 2.00)	337.46 / 12.09	6000		
WEDEB (IAF)	MOKEE (TF) (FB) (RNP 1.00)	337.62 / 12.00	3600		
VUZ VORTAC (IAF)	LISRE (TF) (FB) (RNP 1.00)	084.51 / 7.99	3000		
LISRE (IF)	ERIGE (TF) (FB) (RNP 1.00)	084.65 / 2.06	2500		
ERIGE	LOWGA (RF) (FB) (RNP 0.30)	(2.59 NM RADIUS CW (CFNXP))/6.95	2200		
SPATT (IF)	HUKEV (TF) (FB) (RNP 1.00)	238.58 / 4.26	2700		
HUKEV	LOWGA (TF) (FB) (RNP 1.00)	238.51 / 3.13	2200		
MOKEE (IF)	NOCIM (TF) (FB) (RNP 1.00)	352.08 / 3.99	2400		
NOCIM	LOWGA (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW (CFPVF))/4.95	2200		
LOWGA (FAF)	RW24 (MAP) (TF) (FO) (RNP 0.30)	238.52 / 4.73			
RW24 (MAP)	YACUR (TF) (FB) (RNP 1.00)	238.49 / 8.00			
YACUR	WADEG (RF) (FB) (RNP 1.00)	(5.00 NM RADIUS CW (CFLRS)) / 16.45			
WADEG	VUZ VORTAC (TF) (FO) (RNP 1.00)	066.79 / 4.16	3000		
NOTES, (CONT.): CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VUZ VORTAC AIRWAY RADIALS 046 CW 136. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LDK VORTAC AIRWAY RADIALS 049 CW 092. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PLANVIEW NOTE AT VUZ VORTAC, LDK VORTAC, KYLEE: (RNP 0.30). CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.					
CITY AND STATE BIRMINGHAM, AL	ELEVATION: 650 AIRPORT NAME: BIRMINGHAM-SHUTTLESWORTH INTL	TDZE: 641	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 24, AMDT 2 17 AUGUST 2017	SUP: AMDT: 1 DATED: 04/28/2016



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CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2 SM.
CHART PLANVIEW NOTE AT ERIGE: MAX 180 KIAS UNTIL LOWGA.
CHART PLANVIEW NOTE AT NOCIM: MAX 180 KIAS UNTIL LOWGA.

QUALITY
25
CHECKED

CITY AND STATE
BIRMINGHAM, AL

ELEVATION: 650 TDZE: 641
AIRPORT NAME:
BIRMINGHAM-SHUTTLESWORTH INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (RNP) Z RWY 24, AMDT 2
17 AUGUST 2017

SUP:
AMDT: **1**
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