

<b>ILS - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.29</b>							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		ILS: DA LOC: I-ROE 1.94 DME  CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT VUZ VORTAC AND HOLD(TACAN AIRCRAFT CONTINUE ON VUZ VORTAC R-333 TO SIPSY/VUZ 14.81 DME AND HOLD NW, RT, 152.80 INBOUND).  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 226.00 INBOUND. CHART FAS OBST: 897 TREE 333515N/0864321W 1100 AAO 333613N/0864038W CHART VDP AT 3.35 DME* DISTANCE VDP TO THLD 1.41 NM. *LOC ONLY. CHART PLANVIEW NOTE: DME REQUIRED.							
VUZ VORTAC		SPATT/I-ROE 14.06 DME		084.83 / 17.89			3600									
SPATT/I-ROE 14.06 DME (IF/IAF)		HUKEV/I-ROE 9.80 DME		238.48 / 4.26 (I-ROE)			2700									
HUKEV/I-ROE 9.80 DME		LOWGA/I-ROE 6.68 DME		238.48 / 3.13 (I-ROE)			2200									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE SPATT, RT, 238.48 INBOUND, 3300 FT. IN LIEU OF PT (IAF) 3. FAC: 238.48 FAF: LOWGA/I-ROE 6.68 DME DIST FAF TO MAP: _____ THLD: 4.73 4. MIN. ALT: SPATT 3300, HUKEV 2700, LOWGA 2200, CUXOB/I-ROE 5.24 DME 1740* 5. DIST TO THLD FROM OM: _____ - MM: _____ - IM: _____ 150 HAT: _____ - 100 HAT: 929 GS ANT: 1235 6. MIN GS INCPT: 2200 GS ALT AT: LOWGA 2200 OM: _____ - MM: _____ - IM: _____ 7. GS ANGLE: 3.00 TCH: 51.9 8. MSA FROM: VUZ VORTAC 3700										MAG VAR: 3W		EPOCH YEAR: 2010				
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: STANDARD				LOC: 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	
S-ILS 24**	841	2400	200	841	2400	200	841	2400	200	841	2400	200	841	2400	200	
S-LOC 24	1160	4000	519	1160	4000	519	1160	5500	519	1160	5500	519	1160	5500	519	
NOTES: SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 24: CAT A, B, C, D, RA 92, RVR 1200, HAT 100, DA 741 MSL. CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. (CONTINUED ON PAGE 2)																
CITY AND STATE			ELEVATION: 650 TDZE: 641			FACILITY IDENTIFIER: I-ROE		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
BIRMINGHAM, AL			AIRPORT NAME:			BIRMINGHAM-SHUTTLESWORTH INTL		ILS OR LOC RWY 24, AMDT 4A; ILS RWY 24 (SA CAT II)					AMDT: 4			
								9 NOVEMBER 2017					DATED 08/17/2017			

QUALITY  
 10  
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: DME REQUIRED.

SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT SPATT ON V209 SOUTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VUZ VORTAC AIRWAY RADIALS 046 CW 136.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 24 CAT E VISIBILITY TO RVR 4000 AND INCREASE S-LOC 24

CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D/E TO 1 3/8 SM.

CITY AND STATE

BIRMINGHAM, AL

ELEVATION: 650

TDZE: 641

AIRPORT NAME:

BIRMINGHAM-SHUTTLESWORTH INTL

FACILITY  
IDENTIFIER:  
I-ROE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
ILS OR LOC RWY 24, AMDT 4A; ILS RWY 24 (SA CAT II)  
9 NOVEMBER 2017

SUP:

AMDT:

DATED: 08/17/2017

QUALITY  
10

CHECKED