

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						RNAV - 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			LP: RW13 LNAV: RW13					
TOYED (IAF)			STNGG (NOPT) (TF) (FB) (RNP 1.00)			052.28 / 7.24			3000			CLIMB TO 3000 DIRECT AUSTJ AND HOLD.					
JABDA (IAF)			STNGG (NOPT) (TF) (FB) (RNP 1.00)			172.97 / 13.13			3000								
STNGG (IF/IAF)			ALLII (TF) (FB) (RNP 1.00)			134.06 / 5.00			2400								
ALLII (FAF)			SLOGS/2.80 NM TO RW13 (TF) (FB) (RNP 0.30)			134.12 / 2.51											
SLOGS/2.80 NM TO RW13			RW13 (MAP) (TF) (FO) (RNP 0.30)			134.12 / 2.80						ADDITIONAL FLIGHT DATA: HOLD SE, RT, 314.30 INBOUND. FAS OBST: 818 TREE 415731N/0862312W FAS OBST: 839 TREE 415737N/0862411W WAAS CHANNEL # 90440 REFERENCE PATH ID: W13A CHART CIRCLING ICON. ALLII TO RWY 13: 3.00/40 LTP HAE: 170.1 M					
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												MAG VAR: 3W EPOCH YEAR: 1985					
2. HOLD NW STNGG, RT, 134.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																	
3. FAC: 134.12 FAF: ALLII DIST FAF TO MAP: 5.31 THLD: 5.31																	
4. MIN. ALT: STNGG 3000, ALLII 2400, SLOGS/2.80 NM TO RW13 1600																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR																	
8. MSA FROM: RW13 3000																	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		X					
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		
LP MDA	1100	1	431	1100	1	431	1100	1 1/4	431	1100	1 1/4	431					
LNAV MDA	1280	1	611	1280	1	611	1280	1 3/4	611	1280	1 3/4	611					
CIRCLING	1620	1 1/4	946	1620	1 1/4	946	1620	2 3/4	946	1620	3	946					
NOTES: CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: USE BENTON HARBOR ALTIMETER SETTING; WHEN NOT RECEIVED, USE SOUTH BEND INTL ALTIMETER (CONTINUED ON PAGE 2)																	
CITY AND STATE BERRIEN SPRINGS, MI			ELEVATION: 674 TDZE: 669 AIRPORT NAME: ANDREWS UNIVERSITY AIRPARK			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 17 AUGUST 2017					SUP: AMDT: NONE DATED				



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW13 (MAP)	1074 MSL (CA)	134.12	
1074 MSL	AUSTJ (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):

SETTING AND INCREASE ALL MDA 40 FEET. INCREASE LP AND LNAV CATS C/D VISIBILITY 1/8 SM AND CIRCLING CATS B/C 1/4 SM.

QUALITY
22
CHECKED

CITY AND STATE
BERRIEN SPRINGS, MI

ELEVATION: 674 TDZE: 669
AIRPORT NAME:
ANDREWS UNIVERSITY AIRPARK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
17 AUGUST 2017

SUP:
AMDT: NONE
DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	C20
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	415712.1145N
LTP/FTP LONGITUDE	0862222.1710W
LTP/FTP ELLIPSOIDAL HEIGHT	+01701
FPAP LATITUDE	415613.4175N
FPAP LONGITUDE	0862052.3135W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1488
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

95595050

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02039
FPAP ORTHOMETRIC HEIGHT	+02039

QUALITY
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CITY AND STATE

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