

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						
PAINS (IAF)		PRSTN (TF) (FB) (RNP 1.00)		260.92 / 8.81			4000		CLIMB TO 3000 ON TRACK 234.16 TO SCHOO AND HOLD.						
PRSTN (IF)		CLIFE (TF) (FB) (RNP 1.00)		234.26 / 6.89			1900								
GLEYS (IF)		JOLTY (TF) (FB) (RNP 1.00)		054.12 / 3.00			5000								
JOLTY		NOBVE (TF) (FB) (RNP 1.00)		054.13 / .97			4600								
NOBVE		JEMAD (RF) (FB) (RNP 1.00)		(2.50 NM RADIUS CW (CFVVP))/5.71			2500		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 054.04 INBOUND. CHART FAS OBST: 583 TOWER 355448N/0784548W, 547 OL TK 355355N/0784553W. DISTANCE TO THLD FROM 370 HAT: 0.99 NM. CHART MINIMUM ALTITUDE 5000 AT GLEYS. CHART MANDATORY 6000 AT BUTTS AND PAINS. ROUTE TYPE: A, H. ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 464.7 MSL (DO NOT CHART) CHART LOC RWY 23L						
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 9W				EPOCH YEAR: 2020	
2. PROFILE STARTS AT CLIFE															
3. FAC: <u>234.20</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: CLIFE 1900															
5. DIST TO THLD FROM OM: <u>4.51</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: <u>1900</u> GS ALT AT: CLIFE 1900 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>3.00</u> TCH: 56.0# 20:1 IS CLEAR 34:1 IS CLEAR															
8. MSA FROM: RW23R 3400															
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	779	4000	370	779	4000	370	779	4000	370	779	4000	370			
RNP 0.30 DA	978	1 1/2	569	978	1 1/2	569	978	1 1/2	569	978	1 1/2	569			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C (16F) OR ABOVE 54C (130F). CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 23L, RNAV (GPS) Y RWY 23L, EXCEPT FOR ARRIVALS AT GLEYS AND BUTTS. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 435		TDZE: 409		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
RALEIGH/DURHAM, NC		AIRPORT NAME:		RALEIGH-DURHAM INTL				RNAV (RNP) Z RWY 23R, AMDT 2B, 05/24/2018				AMDT: 2A			
												DATED 05/29/2014			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION				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.	
RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33					
TERMINAL ROUTES, (CONT.):					
FROM		TO	COURSE AND DISTANCE	ALTITUDE	
BUTTS (IF)	JEMAD (TF) (FB) (RNP 1.00)	184.86 / 10.46	2500		
JEMAD	CLIFE (RF) (FB) (RNP 1.00)	(2.50 NM RADIUS CW (CFVVP))/2.15	1900		
CLIFE (FAF)	RW23R (MAP) (TF) (FO)	234.20 / 4.51			
RW23R (MAP)	SCHOO (TF) (FO) (RNP 1.00)	234.16 / 13.98	3000		
NOTES, (CONT.): CHART SPEED ICON IN PLANVIEW AT BUTTS : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT GLEYS : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT PAINS : MAX 230 KIAS. CHART PLANVIEW NOTE ADJACENT TO GLEYS: RF REQUIRED. CHART PLANVIEW NOTE ADJACENT TO BUTTS: RF REQUIRED. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 1/4, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 7/8. CHART PLANVIEW NOTE: RADAR REQUIRED FROM JOLTY TO NOBVE. PBN REQUIREMENTS NOTE: RNP AR APCH, RF REQUIRED.					
CITY AND STATE		ELEVATION: 435 TDZE: 409	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC		AIRPORT NAME:	RNAV	RNAV (RNP) Z RWY 23R, AMDT 2B, 05/24/2018	AMDT: 2A
		RALEIGH-DURHAM INTL			DATED: 05/29/2014

