



**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, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
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 <b>RALEIGH/DURHAM, NC</b>	ELEVATION: 435      TDZE: 409 AIRPORT NAME: <b>RALEIGH-DURHAM INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: <b>RNAV (RNP) Z RWY 23R, AMDT 2B, 05/24/2018</b>	SUP:
				AMDT: <b>2A</b>
				DATED: <b>05/29/2014</b>