

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 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT LIMPS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 062.93 INBOUND. DISTANCE TO THLD FROM 290 HAT: 0.75 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 867.2 MSL (DO NOT CHART)						
UTTER (IAF)		CORED (TF) (FB) (RNP 1.00)		219.19 / 23.96			3000								
BREMN (IAF)		CORED (TF) (FB) (RNP 1.00)		336.18 / 19.31			3000								
CORED (IF)		HABOP (TF) (FB) (RNP 1.00)		281.38 / 6.01			2700								
HABOP (FAF)		RW28L (MAP) (TF) (FO) (RNP 0.30)		281.30 / 5.76											
RW28L (MAP)		1400 MSL (CA)		281.30			1400								
1400 MSL		LIMPS (DF) (FO) (RNP 1.00)					3000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CORED 3. FAC: <u>281.30</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: CORED 3000, HABOP 2700 5. DIST TO THLD FROM OM: <u>5.76</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2700</u> GS ALT AT: HABOP 2700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>52.2#</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW28L 3100										MAG VAR: 7W		EPOCH YEAR: 2015			
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 0.17 DA	1105	4000	290	1105	4000	290	1105	4000	290	1105	4000	290			
RNP 0.30 DA	1295	6000	480	1295	6000	480	1295	6000	480	1295	6000	480			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART NOTE: GPS REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.17 ALL CATS VISIBILITY TO RVR 4600, INCREASE RNP (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 815		TDZE: 815		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
COLUMBUS, OH		AIRPORT NAME:		JOHN GLENN COLUMBUS INTL AIRPORT		RNAV		RNAV (RNP) Z RWY 28L, AMDT 1B				AMDT: 1A			
								22 JUNE 2017				DATED 04/02/2015			



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NOTES, (CONT.): 0.30 ALL CATS VISIBILITY TO 1 5/8 SM. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UTTER ON V43-523-525 NORTHEAST BOUND AND ARRIVALS AT BREMN ON V45 SOUTHBOUND.					
CITY AND STATE COLUMBUS, OH	ELEVATION: 815 AIRPORT NAME: JOHN GLENN COLUMBUS INTL AIRPORT	TDZE: 815	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
				RNAV (RNP) Z RWY 28L, AMDT 1B	AMDT: 1A
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