

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>						<b>RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33</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.																	
<b>TERMINAL ROUTES</b>												<b>MISSED APPROACH</b>																	
FROM			TO			COURSE AND DISTANCE			ALTITUDE			<b>RNP: DA</b>  <b>CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT LIMPS AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> 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: <b>CORED 3000, HABOP 2700</b> 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: <b>HABOP 2700</b> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>52.2 #</u> <b>34:1 IS NOT CLEAR</b> 8. MSA FROM: <b>RW28L 3100</b>																		MAG VAR: <b>7W</b>						EPOCH YEAR: <b>2015</b>					
<b>MINIMUMS</b>																													
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT									ALTERNATE: N A			<b>STANDARD</b>																	
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														
<b>AUTHORIZATION REQUIRED</b>																													
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 <b>COLUMBUS, OH</b>				ELEVATION: 815 TDZE: 815 AIRPORT NAME: <b>JOHN GLENN COLUMBUS INTL</b>				FACILITY IDENTIFIER: <b>RNAV</b>		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (RNP) Z RWY 28L, AMDT 1C</b> <b>1 FEBRUARY 2018</b>						SUP: AMDT: <b>1B</b> DATED <b>06/22/2017</b>													



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<b>NOTES, (CONT.):</b> 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 BREMN ON V45 SOUTHBOUND.				
<div>QUALITY 24 CHECKED</div>				
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