

[Print](#)

Project Name: TRI - RVR 1800, backup altimeter and inop notes

Project Reason: 1. Remove backup altimeter notes that do not account for RVR 1800 and move to back of form 8260-9. 2. Update inoperative ALS notes. 3. Add night circling restrictions due to documented 20:1 penetrations. 4. Reduce LPV visibility from RVR 2400 to RVR 1800. THIS IS IAW MEMORANDUM FROM AFS-400 AUTHORIZING 1800 RVR FOR LPV, GLS, AND ILS APPROACH PROCEDURES.

Last Updated By: Russell Roslewski

Last Updated At: 2018-01-31 19:47:05.233678

Status: Active

!FDC 8/3742 TRI IAP TRI-CITIES, Bristol/Johnson/Kingsport, TN. RNAV (GPS) RWY 23, AMDT 1C... DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETHTON ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C-D VISIBILITY 1/8 SM. DELETE NOTE: VDP AND BARO-VNAV NA WHEN USING ELIZABETHTON ALTIMETER SETTING. DELETE NOTE: DME/DME RNP-0.3 NA. PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 5/8 SM. CHART NOTE: CIRCLING RWY 9 NA AT NIGHT. CHANGE LPV VISIBILITY FROM 2400 TO 1800 ALL CATS. CHANGE LPV DA POUND SIGN TO LPV DA. DELETE NOTE: POUND SIGN RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. THIS IS RNAV (GPS) RWY 23, AMDT 1D. 1801311946-PERM

Digitally signed by
DION E LANCIA
Feb 05, 2018



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.		
STRAIGHT-IN AREA		140/30 CW 267/30	140/7 CW 267/7	1. TREE	365539.00N/0815345.00W	4766 (4E)	2000	MT-466	6300		
				2. TERRAIN	365539.00N/0815345.00W	4666 (4700)		AS1500	6200		
STRAIGHT-IN AREA		267/30 CW 320/30	267/10 CW 320/10	3. TREE	363939.30N/0813239.40W	5829 (6C)	2000	MT-429	7400		
				4. TERRAIN	363939.30N/0813239.40W	5729 (5700)		AS1500	7200		
STRAIGHT-IN AREA		140/7 CW 267/7	BUYBA	5. TREE	364742.00N/0820657.00W	3332 (4E)	2000	MT-132	5200		
				6. TERRAIN	364742.00N/0820657.00W	3232 (3200)		AS1500	4700		
STRAIGHT-IN AREA		267/10 CW 320/10	BUYBA	5. TREE	364742.00N/0820657.00W	3332 (4E)	2000	MT-132	5200		
				6. TERRAIN	364742.00N/0820657.00W	3232 (3200)		AS1500	4700		
STRAIGHT-IN AREA		320/30 CW 140/30	320/10 CW 140/10	7. TREE	361957.60N/0814232.30W	5694 (6C)	2000	MT-494	7200		
				8. TERRAIN	361957.60N/0814232.30W	5594 (5600)		AS1500	7100		
STRAIGHT-IN AREA		320/10 CW 140/10	BUYBA	9. TREE	364629.50N/0821123.90W	3210 (4E)	2000	MT-10	5200		
				10. TERRAIN	364629.50N/0821123.90W	3110 (3100)		AS1500	4600		
INTERMEDIATE		BUYBA (IF/IAF)	ECIDA	11. AAO	364125.20N/0820959.90W	2820 (6C)	500		3400		
				12. TERRAIN	363913.20N/0821529.00W	2609 (2600)		AS1000	3600		
2. HOLD-IN-LIEU-OF-PT		BUYBA	P-6	16. AAO	364857.00N/0820439.00W	4039 (2C)	1000	PT79	5200		
				17. TERRAIN	364957.00N/0820439.00W	3839 (3800)		AS1000	4800		
3. MISSED APPROACH	MAP:	DA / DA / RW23	HOSEM				ASC		6400		
	ELEV:	1548/1999/1980		18. AAO	362259.12N/0822820.54W	2299 (2C)	1000		3300		
				19. TERRAIN	362259.12N/0822820.54W	2099 (2100)		AS1500	3600		
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	781	20. TREE	362816.79N/0822538.64W	1819 (1A)	300	SI	2120
CATEGORY B	1.5 NM		450		781	21. TREE (KTRIT002152)	362848.80N/0822648.14W	1867 (1A)	300	SI	2180
CATEGORY C	1.7 NM		450		781	22. TREE	363021.24N/0822050.30W	2000 (2C)	300		2300
CATEGORY D	2.3 NM		550		981	23. AAO	363042.47N/0822000.12W	2200 (2C)	300		2500
CATEGORY E	4.5 NM		550								
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID:							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
CITY AND STATE		ELEVATION: 1519		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
BRISTOL/JOHNSON/KINGSPORT, TN		AIRPORT NAME: TRI-CITIES		RNAV		RNAV (GPS) RWY 23, AMDT 1D		ASO			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: ORDER 8260.3 CHAPTER 2 APPLIED TO 2319 AAO 363402N/0821917W. FOR CONTINGENCY BACKUP ALTIMETER USE ONLY: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETHTON ALTIMETER SETTING: INCREASE ALL DAS 41 FEET AND ALL MDAS 60 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C AND D VISIBILITY 1/8 SM; INCREASE CIRCLING CAT C VISIBILITY 1/4 SM. CHART NOTE: FOR INOPERATIVE ALS WHEN USING ELIZABETHTON ALTIMETER SETTING: INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 2 SM; INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/4 SM. CHART NOTE: VDP AND BARO-VNAV NA WHEN USING ELIZABETHTON ALTIMETER SETTING. VGSI DATA: 55.3/3.0 WHEN ATCT CLSD HIRL RY 05/23 PRESET MED INTST & ALSF2 RY 23 & REIL RY 05 ARE OPNL. MIRL RY 09/27 & REIL RY 27 NOT AVBL WHEN ATCT CLSD. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.31NM CAT B: 1.86NM CAT C: 2.93NM CAT D: 3.83NM AVERAGE COLD TEMERATURE BASED ON 5 YEAR HISTORY (2006-2010). ACT = -13C 100' ASSUMED TREES HEIGHT. IAPA AND MAP STUDY USED TO VERIFY AAO/VEGETATION. TAA NOT EVALUATED FOR PRECIPITOUS TERRAIN. LPV SLOPE: 34:1 LNAV/VNAV SLOPE: 22.91:1 DESIGNATED MOUNTAINOUS TERRAIN REDUCED CLEARANCE ROC PER TERPS PARA 1720 B (1). TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" RWY 9 20:1 PENETRATION(S): 1706 TREE (KTRI0109) 362835.45N-0822514.83W (45.06) 1703 TREE (KTRI0074) 362835.85N-0822515.42W (39.69) 1686 TREE (KTRI0073) 362847.11N-0822514.71W (26.56) 1773 TREE (KTRI0079) 362834.25N-0822538.37W (15.88) 1758 TREE (KTRI0077) 362834.25N-0822535.45W (15.88) 1760 TREE (KTRI0078) 362840.74N-0822536.49W (11.12) 1660 TREE (KTRI0072) 362838.63N-0822513.51W (4.73) MINIMUMS LOWERED IN ACCORDANCE WITH THE FPO AND AJV341. DESIGNATED MOUNTAINOUS TERRAIN REDUCED CLEARANCE ROC CONT.	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
TRI APP CON TRI TOWER NASHVILLE FSS ZTL ARTCC				N W S	OTHER: ASOS		SOURCE:KTRI / K0A9				
				F A A			DISTANCE: 0 / 12.91				
				A / C			HOURS REMOTE OPERATION:				
SATISFACTORY ON:											
X	V H F	X	U H F		H F	LOCATION: KTRI			ADJUSTMENT: 0		
4. MONITOR STATUS	PRIMARY NAVAID:										
	MONITOR POINT:										
	HRS	CAT 1									
	OPTN:	CAT 3									
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 23									
		(S) SALS									
		MALS									
	X	HIRL 05, 23									
	X	MIRL 09, 27									
	X	REIL 05, 27									
	X	TDZ 23									
	X	C/L 05, 23									
	X	OTHER (SPECIFY) PAPI-4R 23 PAPI-4L 05 (PCL), 27									
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER		PIR-G 05, 23							
		INSTRUMENT		NPI-G 09, 27							
7. RUNWAY VISUAL RANGE		APPROACH		05, 23							
		MIDFIELD									
		ROLL OUT		05, 23							
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:1517.7					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:58.6					
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD					FT. FROM THRESHOLD			
		X	ON CENTERLINE					FT. FROM CENTERLINE			
10. WAIVERS: NONE											
PART D - PREPARED BY:						DATE:					
TITLE:						OFFICE:					

QUALITY
13
CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
--	--	--

PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: CONTINUED. PER TERPS PARA 1720 B (1). OBS #15 LOCATED 330.95 FEET INTO THE SECONDARY AREA. XP = FIX ALTITUDE RAISED AND MOVED .3 NM NORTHEAST TO ADD ANOTHER STEPDOWN,		
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING						
SATISFACTORY ON:				N W S	OTHER:		SOURCE:					
				F A A			DISTANCE:					
				A / C			HOURS REMOTE OPERATION:					
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS	CAT 1									
		OPTN:	CAT 3									
5. APPROACH & RUNWAY LIGHTING										ALS		
										(S) SALS		
										MALS		
										HIRL		
										MIRL		
										REIL		
										TDZ		
										C/LINE		
										OTHER (SPECIFY)		
6. RUNWAY MARKINGS		BASIC										
		ALL WEATHER										
		INSTRUMENT										
7. RUNWAY VISUAL RANGE		APPROACH										
		MIDFIELD										
		ROLL OUT										
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:					ELEV GP ANTENNA:					
							THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING					RUNWAY THRESHOLD					FT. FROM THRESHOLD		
					ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:												
PART D - PREPARED BY:										DATE:		
TITLE:										OFFICE:		

