

RNAV - 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		LNAV: RW16 CLIMB TO 3000 DIRECT JUSPO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 335.48 INBOUND. CHART FAS OBST: 261 TANK 364245N/0773100W CHART VDP AT 1.13 NM TO RW16. CHART CIRCLING ICON. RUSHS TO RW16: 3.00/31.						
CIBRA (IAF)		EYUGO (TF) (FB) (RNP 1.00)		082.25 / 5.00				2000								
VASPY (IAF)		EYUGO (TF) (FB) (RNP 1.00)		245.36 / 5.00				2000								
EYUGO (IF)		POCAB (TF) (FB) (RNP 1.00)		155.31 / 3.98				1800								
POCAB		RUSHS (TF) (FB) (RNP 1.00)		155.34 / 2.16				1700								
RUSHS (FAF)		JFRSN/2.40 NM TO RW16 (TF) (FB) (RNP 0.30)		155.36 / 2.44												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT EYUGO 3. FAC: <u>155.36</u> FAF: <u>RUSHS</u> DIST FAF TO MAP: <u>4.84</u> THLD: <u>4.84</u> 4. MIN. ALT: <u>EYUGO 2000, POCAB 1800, RUSHS 1700, JFRSN/2.40 NM TO RW16 920</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW16 1900</u>																
										MAG VAR: 10W			EPOCH YEAR: 2000			
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	
LNAV MDA	520	1	393	520	1	393		NA			NA					
CIRCLING	580	1	453	580	1	453	680	1 1/2	553		NA					
NOTES: CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART SPEED ICON IN PLANVIEW AT VASPY : MAX 180 KIAS. CHART SPEED ICON IN PLANVIEW AT CIBRA : MAX 180 KIAS.																
CITY AND STATE		ELEVATION: 127 TDZE: 127				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
EMPORIA, VA		AIRPORT NAME:				RNAV		RNAV (GPS) RWY 16, AMDT 2				AMDT: 1A				
		EMPORIA-GREENSVILLE RGNL										DATED 04/03/2014				



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>ZDC, AIRPORT MANAGER, VA DOT</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
DION E. LANCIA (LEO PALMER)				AJV-5423	03/31/2017
APPROVED BY					
NAME:				FIFO	DATE:
JULIE A. MORGAN				AJV-5420	
CHANGES:					
<div>1. LNAV CAT A/B HAT CHANGED FROM 394 TO 393.</div> <div>2. CIRCLING CAT A/B HAA CHANGED FROM 454 TO 453.</div> <div>3. CHANGED ALTERNATE MINIMUNS FROM "STANDARD @ NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD".</div> <div>4. REMOVED FEEDERS FROM WAIKS AND LVL VORTAC AND ASSOCIATED NOTES</div> <div>5. CHANGED MISSED APPROACH FROM CLIMB TO 3000 DIRECT XETIY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 TO CLIMB TO 3000 DIRECT JUSPO AND HOLD</div> <div>6. REMOVED REMOTE ALTIMETER NOTES, ADDED TO PART C-REMARKS.</div> <div>7. ADDED CAT C CIRCLING.</div> <div>8. ADDED CHART CIRCLING ICON.</div> <div>9. ADDED VDP 1.13NM FROM RWY 16.</div> <div>10. ADDED SPEED RESTRICTIONS OF 180 KIAS AT VASPY AND CIBRA.</div> <div>11. UPDATED HELICOPTER VISIBILTY REDUCTION CHART NOTE.</div>					
REASONS:					
<div>1. TDZE CHANGED BY 1 FT FROM 126 TO 127.</div> <div>2. APT ELEVATION CHANGED BY 1 FT FROM 126 TO 127.</div> <div>3, 6. KEMV HAS AWOS CONNECTED TO WMSCR.</div> <div>4, 5, 7. PER AIR TRAFFIC/IFP CHECKLIST REQUEST.</div> <div>8. ORDER 8260.3, NEW CIRCLING CRITERIA HAS BEEN APPLIED.</div> <div>9. 20:1 PENETRATIONS NO LONGER EXIST.</div> <div>10. TO ALLOW FOR SHORTER INITIAL LEG LENGTHS.</div> <div>11. TO MATCH CURRENT CRITERIA</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JFRSN/2.40 NM TO RW16	RW16 (MAP) (TF) (FO) (RNP 0.30)	155.36 / 2.40	
RW16 (MAP)	520 MSL (CA)	155.36	
520 MSL	JUSPO (DF) (FO) (RNP 1.00)		3000

QUALITY
4
CHECKED

CITY AND STATE
EMPORIA, VA

ELEVATION: 127 TDZE: 127
AIRPORT NAME:
EMPORIA-GREENSVILLE RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16, AMDT 2

SUP:
AMDT: 1A
DATED: 04/03/2014

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

1. APP SEGMENT			FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.	
INITIAL			CIBRA		EYUGO		1. AAO		364851.00N/0774403.00W		532 (4D)		1000		AT468		2000	
							2. TERRAIN		364733.00N/0774206.00W		319 (300)				AS1500		1800	
INITIAL			VASPY		EYUGO		3. AAO		365030.00N/0773930.00W		519 (4D)		1000		AT481		2000	
							4. TERRAIN		365315.00N/0773633.00W		283 (300)				AS1500		1800	
INTERMEDIATE			EYUGO		POCAB		3. AAO		365030.00N/0773930.00W		519 (4D)		500				1100	
							5. TERRAIN		364954.00N/0773824.00W		302 (300)				AS1500		1800	
INTERMEDIATE:			POCAB		RUSHS		6. AAO		364630.00N/0773630.00W		447 (4D)		500				1000	
STEPDOWN							7. TERRAIN		364545.00N/0773527.00W		237 (200)				AS1500		1700	
FINAL: LNAV			RUSHS		JFRSN/2.40 NM TO		8. TOWER (51-001520)		364436.08N/0773114.36W		503 (2C)		250		RA73 DG94		920	
					RW16										RA73		840	
FINAL: LNAV STEPDOWN			JFRSN/2.40 NM TO		RW16		9. TANK (51-021128)		364244.50N/0773059.53W		261 (1A)		250				520	
			RW16															

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			PRECIPITOUS TERRAIN EVALUATION COMPLETED.	
ZDC ARTCC LEESBURG FSS					N W S	OTHER: AWOS-3		SOURCE: KEMV / KASJ		ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.	
					F A A			DISTANCE: 0 / 27.80		CAT A: 1.30NM	
					A / C			HOURS REMOTE OPERATION: 0 / YES / 24 / YES		CAT B: 1.81NM	
SATISFACTORY ON:										CAT C: 2.84NM	
X	V H F	X	U H F		H F	LOCATION: KEMV			ADJUSTMENT: 0 / 73	NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KEMV 127, KASJ 67 RA = 72.31.	
4. MONITOR STATUS		PRIMARY NAVAID:								25.49 DEGREE BANK ANGLE USED ON INITIAL SEGMENTS TO ALLOW FOR SHORTER LEG LENGTHS.	
		MONITOR POINT:									
		HRS OPTN:	CAT 1								
										LPV AND LNAV/VNAV NOT DEVELOPED DUE TO GQS PENETRATIONS.	
5. APPROACH & RUNWAY LIGHTING			ALS								LP NOT DEVELOPED DUE TO RESULTING MINIMUMS BEING THE SAME AS LNAV. FOR CONTINGENCY NOTAM ACTION: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AHOSKIE ALTIMETER SETTING: INCREASE ALL MDA 80 FEET AND CIRCLING CAT C VISIBILITY 1/4 SM. VGSI DATA: 3.00/31.4 VEGETATION HEIGHT OF 100' AGL WITHIN 5 MILE RADIUS OF THE AIRPORT EVALUATED. CAT C/D STRAIGHT-IN AND CAT D CIRCLING MINIMUMS NOT PUBLISHED DUE TO CAT C/D AIRCRAFT EXCEEDING OPERATIONAL CAPABILITY OF AC 150/5300-13A APPROACH REFERENCE CODES. AIRPORT DESIGNED FOR CAT B/GROUP II AIRCRAFT ONLY. RAPT APPROVAL ALLOWS PROCEDURE DESIGNED FOR CAT A/B STRAIGHT-IN AND CAT C CIRCLING MINIMUMS.
			(S) SALS								
			MALS								
			HIRL								
		X	MIRL 16 (PCL), 34 (PCL)								
		X	REIL 16 (PCL), 34 (PCL)								
			TDZ								
			C/LINE								
		X	OTHER (SPECIFY) PAPI-2L 16 (PCL), 34 (PCL)								
6. RUNWAY MARKINGS		BASIC								"VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 230 TREE (KEMVT0105) 364153.12N/0772928.81W (41.91) 228 TREE (KEMVT0107) 364152.76N/0772930.41W (38.61) 220 TREE (KEMVT0095) 364150.75N/0772929.62W (36.61) 220 TREE (KEMVT0097) 364149.83N/0772931.30W (36.57) 214 TREE (KEMVT0094) 364149.67N/0772930.13W (32.56) 219 TREE (KEMVT0100) 364151.98N/0772929.68W (32.51) 220 TREE (KEMVT0110) 364152.44N/0772931.74W (29.59) 217 TREE (KEMVT0104) 364150.90N/0772932.51W (29.31) 204 TREE (KEMVT0087) 364148.50N/0772928.45W (27.71) 212 TREE (KEMVT0098) 364150.03N/0772932.46W (26.51) 212 TREE (KEMVT0099) 364150.82N/0772931.11W (26.41) 218 TREE (KEMVT0112) 364154.11N/0772929.70W (26.27) 212 TREE (KEMVT0101) 364151.50N/0772930.58W (25.47) 213 TREE (KEMVT0108) 364151.15N/0772933.59W (23.23) 196 TREE (KEMVT0083) 364147.93N/0772926.91W (23.20) 217 TREE (KEMVT0117) 364154.33N/0772931.12W (22.80) 211 TREE (KEMVT0109) 364151.83N/0772932.85W (20.57) 214 TREE (KEMVT0116) 364151.56N/0772935.67W (20.39) 209 TREE (KEMVT0106) 364150.43N/0772934.57W (19.66) 211 TREE (KEMVT0113) 364151.82N/0772934.22W (18.73) 187 TREE (KEMVT0077) 364145.68N/0772927.91W (18.35) 186 TREE (KEMVT0076) 364146.60N/0772925.69W (18.11) 210 TREE (KEMVT0115) 364153.04N/0772932.96W (16.46) CONT.	
		ALL WEATHER									
		INSTRUMENT NPI-F 16, 34									
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		X	RUNWAY THRESHOLD FT. FROM THRESHOLD								
		X	ON CENTERLINE FT. FROM CENTERLINE								
10. WAIVERS: NONE											
PART D - PREPARED BY: DION E. LANCIA (LEO PALMER)						DATE: 03/31/2017					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5423					

QUALITY
4
CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

[illegible]

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

[illegible]

CITY AND STATE EMPORIA, VA	ELEVATION: 127 AIRPORT NAME: EMPORIA-GREENSVILLE RGNL	FACILITY RNAV	PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 16, AMDT 2	REGION AEA
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PART B - SUPPLEMENTAL DATA										PART C - REMARKS: CONTINUED. 209 TREE (KEMVT0114) 364153.47N/0772931.74W (16.06) 181 TREE (KEMVT0074) 364145.37N/0772926.06W (15.62) 189 TREE (KEMVT0084) 364147.00N/0772929.33W (15.18) 184 TREE (KEMVT0079) 364146.40N/0772927.05W (14.75) 210 TREE (KEMVT0121) 364152.26N/0772937.17W (12.64) 183 TREE (KEMVT0080) 364145.24N/0772930.17W (12.35) 212 TREE (KEMVT0128) 364155.85N/0772932.78W (11.82) 207 TREE (KEMVT0119) 364152.40N/0772935.32W (11.81) 179 TREE (KEMVT0075) 364144.39N/0772929.28W (11.64) 182 TREE (KEMVT0081) 364146.19N/0772929.32W (10.18) 189 TREE (KEMVT0091) 364148.74N/0772930.03W (9.97) 197 TREE (KEMVT0103) 364150.16N/0772933.59W (9.65) 181 TREE (KEMVT0082) 364147.14N/0772928.01W (8.64) 203 TREE (KEMVT0118) 364152.83N/0772934.09W (8.43) 206 TREE (KEMVT0123) 364154.05N/0772934.19W (8.31) 206 TREE (KEMVT0125) 364153.09N/0772936.11W (8.05) 204 TREE (KEMVT0122) 364154.65N/0772932.97W (6.50) 197 TREE (KEMVT0111) 364150.54N/0772935.41W (6.24) 143 TREE (KEMVT0059) 364137.36N/0772919.89W (5.63) 149 TREE (KEMVT0064) 364139.76N/0772920.24W (5.27) 149 TREE (KEMVT0065) 364139.61N/0772920.76W (4.93) 203 TREE (KEMVT0126) 364153.89N/0772935.04W (4.55) 181 TREE (KEMVT0088) 364147.66N/0772930.18W (4.41) 201 TREE (KEMVT0124) 364155.29N/0772931.99W (3.27) 184 TREE (KEMVT0092) 364148.75N/0772931.35W (3.15) 203 TREE (KEMVT0129) 364156.82N/0772931.51W (2.18) 132 TOWER (51-021118) 364135.64N/0772917.56W (2.01) 132 FENCE (51-021119) 364134.63N/0772919.79W (1.45) 180 TREE (KEMVT0090) 364147.84N/0772931.63W (1.00) 202 TREE (KEMVT0130) 364157.36N/0772930.67W (1.00) 133 FENCE (51-021120) 364135.34N/0772919.86W (0.61) 133 FENCE (51-021121) 364136.28N/0772918.21W (0.56) 134 FENCE (51-021123) 364136.45N/0772918.71W (0.46) 133 FENCE (51-021122) 364135.86N/0772919.33W (0.06)		
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING					
SATISFACTORY ON:					N W S	OTHER:		SOURCE:				
					DISTANCE:							
					HOURS REMOTE OPERATION:							
					F A A							
					A / C							
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS OPTN:	CAT 1									
			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:						

