

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		LPV: DA LNAV/VNAV: DA LNAV: RW03 CLIMB TO 7500 THEN CLIMBING RIGHT TURN TO 9500 DIRECT TAWNE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 262.68 INBOUND. CHART FAS OBST: 7101 TREE 350747N/1114036W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 0.93 NM TO RW03* *LNAV ONLY. WAAS CHANNEL # 45718 REFERENCE PATH ID: W03A CHART CIRCLING ICON. LTP HAE: 2114.6 M					
FLG VOR/DME		SEZCY (TF) (FO) (RNP 2.00)			209.00 / 11.98				9900							
JUWSO (IAF)		SEZCY (NOPT) (TF) (FB) (RNP 1.00)			033.26 / 16.05				9600							
OATES (IAF)		SEZCY (NOPT) (TF) (FB) (RNP 1.00)			311.43 / 9.31				9600							
SEZCY (IF/IAF)		TOHQU (TF) (FB) (RNP 1.00)			031.09 / 5.96				8700							
TOHQU (FAF)		YEDUV/3.50 NM TO RW03 (TF) (FB) (RNP 0.30)			031.12 / 1.64											
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW SEZCY, RT, 031.09 INBOUND, 9600 FT. IN LIEU OF PT (IAF) 3. FAC: 031.12 FAF: TOHQU DIST FAF TO MAP: 5.14 THLD: 5.14 4. MIN. ALT: SEZCY 9600, TOHQU 8700, YEDUV/3.50 NM TO RW03 8160* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 8700 GS ALT AT: TOHQU 8700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR 8. MSA FROM: RW03 14100																
										MAG VAR: 10E			EPOCH YEAR: 2020			
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	
LPV DA	7264	3/4	250	7264	3/4	250	7264	3/4	250	7264	3/4	250				
LNAV/VNAV DA	7282	7/8	268	7282	7/8	268	7282	7/8	268	7282	7/8	268				
LNAV MDA	7360	1	346	7360	1	346	7360	1	346	7360	1	346				
CIRCLING	7520	1	506	7560	1	546	8100	3	1086	8560	3	1546				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 44C (112F). @ CAT C 1100-3, CAT D 1600-3 CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLG VOR/DME ON V291 EAST BOUND																
CITY AND STATE FLAGSTAFF, AZ		ELEVATION: 7014 TDZE: 7014 AIRPORT NAME: FLAGSTAFF PULLIAM			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 1					SUP: AMDT: ORIG-A DATED 05/02/2013				

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><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> KFLG AIRPORT MANAGER, ZAB, PRC FSS, FLG ATCT</div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
KEVIN KESZLER				AJV-5423	05/19/2017
APPROVED BY					
NAME:				FIFO	DATE:
JULIE A. MORGANMANAGER				AJV-5420	05/19/2017
CHANGES:					
<div>1. ADDED 4 DEGREES TO ALL COURSES IN TERMINAL ROUTES. 2. CHANGED FAC FROM 027.13 TO 031.12. 3. CHANGED INBOUND PT COURSE FROM 27.09 TO 31.09. 4. CHANGED FAF TO MAP/ THLD DISTANCE FROM 5.09 TO 5.14. 5. ADDED PROCEDURE NA FOR ARRIVAL NOTE AT FLD VOR/DME 6. CHANGED TCH FROM 42.0 TO 50.0 7. CHANGED MAG VAR AND EPOCH YEAR FROM 14E/1975 TO 10E/2020. 8. CHANGED MISSED APPROACH INSTRUCTION FROM CLIMB TO 9500 DIRECT LAKKS AND ON TRACK 089.84 TO TAWNE AND HOLD TO CLIMB TO 7500 THEN CLIMBING RIGHT TURN TO 9500 DIRECT TAWNE AND HOLD. 9. CHANGED ALTITUDE ON FLG FEEDER FROM 10500 TO 9600. 10. DELETED CHART FAS OBST: 7081 TREE 350746N/1114040W. 11. CHANGED DISTANCE TO 250 HAT FROM .63NM TO .65NM 12. CHANGED LPV VISIBILITY FROM 1 TO 3/4 ALL CATS. 13. CHANGED LNAV/VNAV MINIMAS FROM 7360,1,346 TO 7282, 7/8, 268 ALL CATS. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1, 2, 3. AIRFIELD MAG VAR UPDATE. 4, 11, 20, 21. 8260.3B PARA 252. 5. PER 8260.3B. 6. PER FPT REQUEST 7. NEW AIRFIELD MAG VAR. 8,9. PER FPO REQUEST. 10. PER 8260.19G PARA 8-6-8 D. 12-17. PER 8260.3B TABLE 3-3,3-4A, 3-5A, 3-6, 3-7, 3-8, 3-9, 3-10. 18. NO 20:1 PENETRATION IN CAT A/B AREA. 19. CALCULATED PER NEW 5 YEAR WEATHER DATA AVAILABLE FOR KFLG. 21. PER ARINC SPECIFICATIONS.</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
YEDUV/3.50 NM TO RW03	RW03 (MAP) (TF) (FO) (RNP 0.30)	031.12 / 3.50	
RW03 (MAP)	7500 MSL (CA)	031.12	7500
7500 MSL	TAWNE (DF) (FO) (RNP 1.00)		9500

QUALITY
16
CHECKED

CITY AND STATE

FLAGSTAFF, AZ

ELEVATION: 7014

TDZE: 7014

AIRPORT NAME:

FLAGSTAFF PULLIAM

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, AMDT 1

SUP:

AMDT: ORIG-A

DATED: 05/02/2013

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>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>14. CHANGED LNAV CAT D VISIBILITY FROM 1 1/4 TO 1.</div> <div>15. CHANGED CIRCLING CAT B MINIMA FROM 7520, 1, 506 TO 7560, 1, 546.</div> <div>16. CHANGED CIRCLING CAT C MINIMA FROM 7520, 1, 506 TO 8100, 3, 1086.</div> <div>17. CHANGED CIRCLING CAT B MINIMA FROM 7520, 1, 506 TO 8560, 3, 1546.</div> <div>18. DELETED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.</div> <div>19. CHANGE "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -29C (-20F) OR ABOVE 35C (95F)" TO READ "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 44C (112F)."</div> <div>20. ADDED CHART VDP AT 0.93 NM TO RW03*</div> <div>21. ADDED UPDATED FPAP COORDINATES FROM 350859.5600N-1113932.6000W TO 350859.5660N-1113932.6125W.</div>					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFLG
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	350752.3855N
LTP/FTP LONGITUDE	1114044.1275W
LTP/FTP ELLIPSOIDAL HEIGHT	+21146
FPAP LATITUDE	350859.5660N
FPAP LONGITUDE	1113932.6125W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 28E12EBA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+21378
FPAP ORTHOMETRIC HEIGHT	+21378

QUALITY
16
CHECKED

CITY AND STATE FLAGSTAFF, AZ	ELEVATION: 7014 TDZE: 7014 AIRPORT NAME: FLAGSTAFF PULLIAM	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 1	SUP:
				AMDT: ORIG-A
				DATED: 05/02/2013

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

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		FLG VOR/DME		SEZCY		1. AAO		350513.50N/1114439.94W		7839 (2C)		2000				9900			
						2. TERRAIN		350513.50N/1114439.94W		7639 (7600)				AS1500		9100			
INITIAL		JUWSO		SEZCY		3. AAO		350103.00N/1114954.00W		7179 (3E)		1000		PR320 AT1101		9600			
						4. TERRAIN		350103.00N/1114954.00W		6979 (7000)				AS1500		8500			
INITIAL		OATES		SEZCY		5. AAO		345836.00N/1114612.00W		7412 (4E)		1000		PR350 AT838		9600			
						6. TERRAIN		345836.00N/1114612.00W		7212 (7200)				AS1500		8700			
INTERMEDIATE		SEZCY (IF/IAF)		TOHQU		7. AAO		350251.00N/1114542.00W		7536 (4E)		500		AC105 PR200 AT359		8700			
						8. TERRAIN		350251.00N/1114542.00W		7336 (7300)				AS1000		8300			
FINAL: LPV		TOHQU		RW03		9. TREE (KFLGL012)		350744.19N/1114044.87W		7065 (1B)		34:1		AC10		7264/250			
FINAL: LNAV/VNAV		TOHQU		RW03		10. TREE (KFLGL003)		350747.40N/1114035.58W		7101 (2C)		161		AC20		7282/268			
FINAL: LNAV		TOHQU		YEDUV/3.50 NM TO RW03		1. AAO		350513.50N/1114439.94W		7839 (2C)		250		PR60		8160			
FINAL: LNAV STEPDOWN		YEDUV/3.50 NM TO RW03		RW03		10. TREE (KFLGL003)		350747.40N/1114035.58W		7101 (1A)		250				7360			
2. HOLD-IN-LIEU-OF-PT		SEZCY		P-10		1. AAO		350513.50N/1114439.94W		7839 (2C)		1000		PR340 AT421		9600			
						2. TERRAIN		350513.50N/1114439.94W		7639 (7600)				AS1500		9100			
3. MISSED APPROACH	MAP:		DA / DA / RW03		TAWNE								ASC				9500		
	ELEV:		7077/7190/7260				11. AAO		350557.00N/1113209.00W		7395 (3E)		1000				8400		
						12. TERRAIN		350557.00N/1113209.00W		7195 (7200)				AS1500		7200			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	506	13. TREE (KFLG0087)		350828.58N/1114208.44W		7214 (1B)		300		7520			
CATEGORY B		1.5 NM			450		546	14. TREE (KFLG0091)		350908.97N/1114224.88W		7246 (2C)		300		7560			
CATEGORY C		1.7 NM			450		1086	15. AAO		350818.63N/1114443.56W		7799 (2C)		300		8100			
CATEGORY D		2.3 NM			550		1546	16. AAO		350832.14N/1114506.41W		8245 (2A)		300		8560			
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAV AID: RW03																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
360-360		AAO		332/13.7		13088 (3E)		14100											
CITY AND STATE				ELEVATION: 7014				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
FLAGSTAFF, AZ				AIRPORT NAME: FLAGSTAFF PULLIAM				RNAV				RNAV (GPS) RWY 3, AMDT 1				AWP			

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
FLG TOWER ZAB ARTCC					N W S	OTHER: AWOS-3		SOURCE:KFLG		
					F A A			DISTANCE:		
					A / C			HOURS REMOTE OPERATION: 24/YES		
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KFLG			ADJUSTMENT: 0	
4. MONITOR STATUS		PRIMARY NAVAID:								
		MONITOR POINT:								
		HRS OPTN:	CAT 1							
			CAT 3							
5. APPROACH & RUNWAY LIGHTING			ALS							
			(S) SALS							
		X	MALSR 21 (PCL)							
		X	HIRL 03 (PCL), 21 (PCL)							
			MIRL							
			REIL							
			TDZ							
			C/LINE							
		X	OTHER (SPECIFY) PAPI-4L 03, 21							
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER PIR-G 21								
		INSTRUMENT NPI-G 03								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:7013.8				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:50.0				
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD	
			X	ON CENTERLINE					FT. FROM CENTERLINE	
10. WAIVERS: NONE										
PART D - PREPARED BY: KEVIN KESZLER						DATE: 05/19/2017				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5423				

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KFLG ON WMSCR

VGSI DATA: 3.00/50.1

CRITICAL TEMPERATURES:
CRITICAL LOW :-19C (-2F)
CRITICAL HIGH :+44C (+112F)
ACT :-19C
APT ISA :-20.11C

CRITICAL TEMPERATURE REMARKS
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1055 HIGH TEMP 1232.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
CAT A: 1.44NM
CAT B: 2.08NM
CAT C: 3.31NM
CAT D: 4.40NM

NO ADDITIONAL AIRSPACE REQUIRED.

NO SUITABLE BACK-UP ALTIMETER PER FPO. RECOMMENDED KSEZ ALTIMETER, HOWEVER IT REQUIRES AN ADJUSTMENT OF 349 FEET.

UNSURVEYED VEGETATION 75 FT, PER FPO.

