

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KDUJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> DUBOIS	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1817	<u>TDZE</u> 1817	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 342/30 CW 162/30	NOPT	342/15 CW 162/15		4400
2. 342/15 CW 162/15		EEYES	IF/IAF	4200
3. 162/30 CW 252/30		162/8 CW 252/8		4800
4. 162/8 CW 252/8		TNKEE	IAF	4200
5. 252/30 CW 342/30		252/8 CW 342/8		5200
6. 252/8 CW 342/8		WNKEE	IAF	4200

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TNKEE	IAF	EEYES	NOPT	TF	FB	1.00	162.22	7.60	4200
WNKEE	IAF	EEYES	NOPT	TF	FB	1.00	342.32	7.60	4200
EEYES	IF/IAF	PLEAZ		TF	FB	1.00	072.27	6.00	3400
PLEAZ	FAF	RYCHL/1.75 NM TO RW07		TF	FB	0.30	072.35	3.08	
RYCHL/1.75 NM TO RW07		RW07	MAP	TF	FO	0.30	072.35	1.75	
RW07	MAP	2017 MSL		CA			072.35		
2017 MSL		CELSY		DF	FO	1.00			4200

QUALITY
10
CHECKED

MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4200 DIRECT CELSY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W EEYES, RT, 072.27 INBOUND, 4200 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	072.35	FAF: PLEAZ	DIST FAF TO MAP: 4.83		DIST FAF TO THLD: 4.83
4. MIN ALT: EEYES 4200, PLEAZ 3400, RYCHL/1.75 NM TO RW07 2420*					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.49	GS ANT:
6. MIN GP INCPT: 3400	GP ALT AT FAF :	PLEAZ 3400	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 45.0		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D S OF RWY 7-25.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 252.65 INBOUND.
CHART FAS OBST: 1979 TREE 411003N/0785354W.
CHART VDP AT 1.24 NM TO RW07*
*LNAV ONLY.
WAAS CHANNEL # 82116
REFERENCE PATH ID: W07A
CHART CIRCLING ICON.
LTP HAE: 521.4 M



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	2017	3/4	200	2017	3/4	200	2017	3/4	200	2017	3/4	200			
LNAV/VNAV DA	2160	1	343	2160	1	343	2160	1	343	2160	1	343			
LNAV MDA	2240	1	423	2240	1	423	2240	1 1/4	423	2240	1 1/4	423			
CIRCLING	2320	1	503	2360	1	543	2380	1 1/2	563	2400	2	583			

CHANGES - REASONS

1. ADDED TAA TO PROCEDURE. - REDESIGN FOR PROCEDURE ENTRY.
2. REMOVED FEEDERS COOBE/TALLS, IAF'S LNDDA/RONAE, MA TURN DABOI FIX, MA HOLD HONLU FIX, MSA, AND REPLACED INTERMEDIATE FIXES JIMTU/ULUKE WITH EEYES. - REDESIGN FOR VORMON AND ADDED TAA FOR PROCEDURE ENTRY.
3. CHANGED PLEAZ-RYCHL AND RYCHL-RW07 COURSE FROM 072.34 TO 072.35 AND DISTANCE FROM 3.66 TO 3.08 AND 1.80 TO 1.75 RESPECTIVELY IN TERMINAL ROUTES. - OPTIMIZE FINAL AND REDESIGN FOR VORMON.
4. CHANGED MA INSTRUCTIONS FROM "CLIMB TO 4200 DIRECT DUBOI AND ON TRACK 111.77 TO HONLU AND HOLD." TO "CLIMB TO 4200 DIRECT CELSY AND HOLD." - REDESIGN FOR VORMON.
5. ADDED H-I-L. - FACILITATE TAA ADDITION.
6. CHANGED FAC FROM 072.34 TO 072.35 AND DIST FAF TO MAP/THLD FROM 5.46 TO 4.83 IN PROFILE LINE 3. - MOVED FAF TO OPTIMIZE FINAL DESIGN.
7. CHANGED PLEAZ MIN ALT FROM 3600 TO 3400, STEPDOWN FROM RYCHL/1.80 TO RYCHL/1.75, AND ADDED EEYES 4200 IN LINE 4 MIN ALT. - OPTIMIZE FINAL AND REDESIGN FOR VORMON.
8. CHANGED MIN GP INCPT FROM 3600 TO 3400 AND GP ALT AT FAF FROM PLEAZ 3600 TO PLEAZ 3400 IN LINE 6. - OPTIMIZE FINAL AND REDESIGN FOR VORMON.
9. CHANGED BARO-VNAV NOTE FROM "NA BELOW -20°C" TO "NA BELOW -21°C". - NEW CLIMATE STUDY AND NEW EVAL COMPLETED.
10. REMOVED CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT COOBE ON V119 NORTHEAST BOUND. AND PROCEDURE NA FOR ARRIVALS AT TALLS ON V10 NORTHWEST BOUND AND ON V119 SOUTH BOUND. - REMOVED COOBE AND TALLS FIXES AND REDESIGN FOR VORMON.
11. ADDED CHART NOTE: CIRCLING NA FOR CAT D S OF RWY 7-25. - AVOID TERRAIN SOUTH OF THE AIRPORT.
12. CHANGED HOLD COURSE FROM HOLD W, RT, 096.48 INBOUND TO HOLD E, RT, 252.65 INBOUND AND FAS OBST FROM 1979 TREE 411001N/0785356W TO 1979 TREE 411003N/0785354W IN ADDITIONAL FLIGHT DATA. - NEW EVAL COMPLETED AND REDESIGN FOR VORMON.
13. REMOVED CAT D 900-2 1/2 FROM ALT MINS. - NEW CAT D CONTROLLING OBST DUE TO RESTRICTION FOR CAT D CIRCLING TO THE SOUTH.
14. LOWERED CIRCLING CAT D MINS FROM 2620,803, 2 1/2 TO 2400, 583, 2. - NEW CAT D CONTROLLING OBST DUE TO RESTRICTION FOR CAT D CIRCLING TO THE SOUTH.
15. CRC CHANGED FROM 8AA41FDA TO B3504CE8. - NEW EVAL COMPLETED AND FPAP CHANGED FROM 411110.4440N/0785242.6050W TO 411110.4448N/0785242.6052W.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, AMGR

FLIGHT CHECKED BY STEPHEN BAUER	<i>Digitally signed by</i> JOHN BORDY Dec 09, 2020	OFFICE FICO	DATE 12/4/2020
DEVELOPED BY JOHN BORDY (ANDRE TUCKER)	<i>Digitally signed by</i> JOHN BORDY Dec 09, 2020	OFFICE AJV-A422	DATE 08/20/2020
APPROVED BY MARLON ROBINSON	<i>Digitally signed by</i> JOHN BORDY Dec 09, 2020	OFFICE AJV-A420	DATE



TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDUJ
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	411029.1685N
LTP/FTP LONGITUDE	0785427.1950W
LTP/FTP ELLIPSOIDAL HEIGHT	+05214
FPAP LATITUDE	411110.4445N
FPAP LONGITUDE	0785242.6050W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B3504CE8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05537
FPAP ORTHOMETRIC HEIGHT	+05537

