

**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 25	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> DUBOIS	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1817	<u>TDZE</u> 1817	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1A	<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. 163/30 CW 343/30	NOPT	163/5 CW 343/5		5200
2. 163/5 CW 343/5		CELSY	IF/IAF	4200
3. 343/30 CW 073/30		KASTY	IAF	5200
4. 073/30 CW 163/30		PEEDR	IAF	4800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KASTY	IAF	CELSY	NOPT	TF	FB	1.00	342.70	7.60	4200
PEEDR	IAF	CELSY	NOPT	TF	FB	1.00	162.60	7.60	4200
CELSY	IF/IAF	DUBOI		TF	FB	1.00	252.65	12.18	3400
DUBOI	FAF	RW25	MAP	TF	FO	0.30	252.49	4.79	
RW25	MAP	2017 MSL		CA			252.49		
2017 MSL		EEYES		DF	FO	1.00			4200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4200 DIRECT EEYES AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E CELSY, RT, 252.65 INBOUND, 4200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 252.49FAF: DUBOI

DIST FAF TO MAP: 4.79

DIST FAF TO THLD: 4.79

4. MIN ALT: CELSY 4200, DUBOI 3400

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.45GS ANT:

6. MIN GP INCPT: 3400GP ALT AT FAF : DUBOI 3400OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 56.8

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 NOTE: FOR INOPERATIVE ALS INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 072.27 INBOUND.
CHART FAS OBST: 2019 TREE 411159N/0785039W.
CHART 2032 TOWER 411208N/0784650W.
CHART VDP AT 1.27 NM TO RW25*
*LNAV ONLY.
WAAS CHANNEL # 97407
REFERENCE PATH ID: W25A
CHART CIRCLING ICON.
LTP HAE: 521.5 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	1/2	200	2017	1/2	200	2017	1/2	200	2017	1/2	200			
LNAV/VNAV DA	2140	1/2	323	2140	1/2	323	2140	1/2	323	2140	1/2	323	QUALITY 10 CHECKED		
LNAV MDA	2280	1/2	463	2280	1/2	463	2280	1	463	2280	1	463			
CIRCLING	2320	1	503	2360	1	543	2380	1 1/2	563	2400	2	583			

CHANGES - REASONS

1. ADDED TAA WITH LEFT AND RIGHT BASE. - REDESIGN FOR VORMON AND PROCEDURE ENTRY.
2. REMOVED FEEDER COOBE FIX, IAF'S DRTHE/DAAAV FIXES, MA TURN FIX ULUKE FIX, MA HOLD CIP VOR/DME FIX, MSA, AND REPLACED INTERMEDIATE FIXES GRACC/BROCS WITH CELSY FIX. - REDESIGN FOR VORMON AND ADDED TAA FOR PROCEDURE ENTRY.
3. CHANGED DISTANCE FROM 4.73 TO 4.79 AND CIP VOR/DME TO EYES IN TERMINAL ROUTES. - OPTIMIZE FINAL AND REDESIGN FOR VORMON.
4. CHANGED MA INSTRUCTIONS FROM "CLIMB TO 4000 DIRECT ULUKE AND ON TRACK 286.64 TO CIP VOR/DME AND HOLD." TO "CLIMB TO 4200 DIRECT EYES AND HOLD." - REDESIGN FOR VORMON.
5. ADDED H-I-L. - FACILITATE TAA ADDITION.
6. CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.73 TO 4.79. - MOVED FAF TO OPTIMIZE FINAL DESIGN.
7. ADDED CHART NOTE: CIRCLING NA FOR CAT D S OF RWY 7-25. - AVOID TERRAIN SOUTH OF THE AIRPORT.
8. CHANGED BARO-VNAV NOTE FROM "NA BELOW -20°C" TO "NA BELOW -21°C". - NEW CLIMATE STUDY AND NEW EVAL COMPLETED.
9. REMOVED CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT COOBE ON V119 SOUTHWEST BOUND , V232 WESTBOUND. AND PROCEDURE NA FOR ARRIVALS AT DAAAV ON V226 EASTBOUND. - REMOVED COOBE AND DAAAV FIXES AND REDESIGN FOR VORMON.
10. CHANGED VDP FROM 1.40 NM TO 1.27 NM, CHANGED FAS OBST FROM 2059 TREES 411222N/0785131W TO 2019 TREE 41159N/0785039W, CHANGED HOLD COURSE FROM 016.64 INBOUND TO 072.27 INBOUND, AND ADDED 7:1 OBST 2032 TOWER 411208N/0784650W IN ADDITIONAL FLIGHT DATA. - NEW EVAL COMPLETED AND REDESIGN FOR VORMON.
11. REMOVED ALT MIN CAT D 900-2 1/2. - NEW CAT D CONTROLLING OBST DUE TO RESTRICTION FOR CAT D CIRCLING TO THE SOUTH.
12. LOWERED LNAV/VNAV AND LNAV MINS FROM 2209, 392, AND 3/4 TO 2140, 323, AND 1/2 AND 2320, 503 TO 2280, 463. - NEW EVAL COMPLETED AND NEW CONTROLLING OBSTACLES.
13. 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.
14. CRC CHANGED FROM 4008F50C TO 8FE55051. - NEW EVAL COMPLETED AND FPAP CHANGED FROM 411013.0670N/0785508.0035W TO 411013.0555N/0785507.9955W.

COORDINATED WITH:

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

FLIGHT CHECKED BY

Digitally signed by

JOHN BORDY

STEPHEN BAUER

Dec 09, 2020

OFFICE

FICO

DATE

12/4/2020

DEVELOPED BY

JOHN BORDY (ANDRE TUCKER)

Digitally signed by

JOHN BORDY

Dec 09, 2020

OFFICE

AJV-A422

DATE

08/20/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Dec 09, 2020

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDUJ
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	411054.3420N
LTP/FTP LONGITUDE	0785323.4200W
LTP/FTP ELLIPSOIDAL HEIGHT	+05215
FPAP LATITUDE	411013.0555N
FPAP LONGITUDE	0785507.9955W
THRESHOLD CROSSING HEIGHT (TCH)	00056.8
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	8FE55051

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05538
FPAP ORTHOMETRIC HEIGHT	+05538

