

**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</u> DUBOIS RGNL	<u>AIRPORT ID</u> KDUJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<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SUPERSEDED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 7	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/03/2010	<u>MAG VAR</u> 10W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
COOBE		LNDDA		TF	FB	1.00	202.37	10.61	4100
TALLS		RONAE		TF	FB	1.00	074.09	15.93	4100
LNDDA	IAF	JIMTU		TF	FB	1.00	162.19	7.33	4100
RONAE	IAF	JIMTU		TF	FB	1.00	352.27	6.75	4100
JIMTU	IF	ULUKE		TF	FB	1.00	072.24	5.00	4000
ULUKE		PLEAZ		TF	FB	1.00	072.31	2.60	3600
PLEAZ	FAF	RYCHL/1.80 NM TO RW07		TF	FB	0.30	072.34	3.66	
RYCHL/1.80 NM TO RW07		RW07	MAP	TF	FO	0.30	072.34	1.80	
RW07	MAP	2017 MSL		CA			072.34		
2017 MSL		DUBOI		DF	FB	1.00			
DUBOI		HONLU		TF	FO	1.00	111.77	7.85	4200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4200 DIRECT DUBOI AND ON TRACK 111.77 TO HONLU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT JIMTU

3. FAC: 072.34 FAF: PLEAZ DIST FAF TO MAP: 5.46 DIST FAF TO THLD: 5.46

4. MIN ALT: JIMTU 4000, ULUKE 4000, PLEAZ 3600, RYCHL/1.80 NM TO RW07 2420*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.49 GS ANT: MM: IM:

6. MIN GP INCPT: 3600 GP ALT AT FAF : PLEAZ 3600 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW07 4200

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COOBE ON V119 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TALLS ON V10 NORTHWEST BOUND AND ON V119 SOUTH BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.24 NM TO RW07*
*LNAV ONLY
WAAS CHANNEL #82116
REFERENCE PATH ID: W07A
CHART FAS OBST: 1979 TREE 411001N/0785356W.
HOLD W, RT, 096.48 INBOUND
LTP HAE: 521.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 1/2, 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	2620	2 1/2	803			



CHANGES - REASONS

1. UPDATED TERMINAL ROUTE: COOBE TO LNDDA COURSE/DISTANCE/ALTITUDE FROM "198.15/11.66/4000" TO "202.37/10.61/4100" - LNDDA FIX MOVED TO SUPPORT ATC VECTORS.
2. UPDATED TERMINAL ROUTE: TALLS TO RONAE COURSE/DISTANCE/ ALTITUDE FROM "069.34/16.17/4000" TO "074.09/15.93/4100" - RONAE FIX MOVED TO SUPPORT ATC VECTORS.
3. UPDATED TERMINAL ROUTE: LNDDA TO JIMTU COURSE/DISTANCE/ALTITUDE FROM "162.20/6.00/4000" TO "16219/7.33/4100" - LNDAA FIX MOVED TO SUPPORT ATC VECTORS.
4. UPDATED TERMINAL ROUTE: RONAE TO JIMTU COURSE/DISTANCE/ALTITUDE FROM "352.26/5.40/4000" TO "352.27/6.75/4100" - RONAE FIX MOVED TO SUPPORT ATC VECTORS.
5. UPDATED TERMINAL ROUTE: ULUKE TO PLEAZ DISTANCE FROM "2.68" TO "2.60" - PFAF MOVED TO RETAIN 3.00° GPA.
6. UPDATED TERMINAL ROUTE: PLEAZ TO RYCHL/1.80 NM TO RW07 DISTANCE FROM "3.58" TO "3.66". PFAF MOVED TO RETAIN 3.00° GPA.
7. UPDATED CA LEG: ADDED COURSE "072.34" AND CHANGED ALTITUDE FROM "2066 MSL" TO "2017 MSL" - IAW 8260.58A 3-5-2B.
8. PROFILE LINE 3: CHANGED FAF TO MAP AND DIST FAF TO THLD FROM "5.38" TO "5.46" - PFAF LOCATION MOVED.
9. PROFILE LINE 5: ADDED "200 HAT: 0.49" - IAW 8260.19H 8-6-7E
10. PROFILE LINE 6: ADDED MIN GP INCTP "3600" AND GP ALT AT FAF: "PLEAZ 3600" - IAW 8260.19H 8-6-7F
11. PROFILE LINE 7: CHANGED 34:1 FROM "IS NOT CLEAR" TO "IS CLEAR" AND ADDED 20:1 "IS CLEAR" - IAW 8260.19H 8-6-7G
12. ALTERNATE MINIMUMS: ADDED "CAT D 900-2 1/2" - IAW 8260.3D TABLE 3-3-1.
13. DECREASED LPV DA/HAT FOR ALL CATEGORIES FROM "2066/250" TO "2017/200" - NEW EVALUATION SHOWS ASC.
14. DECREASED LNAV/VNAV DA/HAT FOR ALL CATEGORIES FROM "2313/497" TO "2160/343" - NEW CONTROLLING OBSTACLE IN FINAL.
15. DECREASED LNAV/VNAV VISIBILITIES FOR ALL CATEGORIES FROM "1 3/4 SM" TO "1 SM"-IAW 8260.3D TABLE 3-3-7.
16. DECREASED LNAV HAT FROM "424" TO "423"- BASED ON UPDATED DATA.
17. INCREASED CIRCLING CMDA/HAA FOR ALL CATEGORIES: CAT A FROM "2300/483" TO "2320/503", CAT B FROM "2300/483" TO "2360/543", CAT C FROM "2320/503" TO "2380/563", CAT D FROM "2380/563" TO "2620/803" - NEW CONTROLLING OBSTACLES BASED ON NEW CIRCLING AREA.
18. INCREASED CIRCLING CAT D VISIBILITY FROM "2 SM" TO "2 1/2 SM" - IAW 8260.3D TABLE 3-3-7.
19. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" IN PBN EQUIPMENT REQUIREMENT NOTES - IAW 8260.19H 8-6-8B (1)
20. CHANGED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0°F) OR ABOVE 45°C (113°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C." - NEW HISTORICAL TEMPERATURE DATA.
21. MOVED AND UPDATED TO BACK OF -9 CHART NOTE "VDP AND BARO-VNAV NA WHEN USING CLEARFIELD ALTIMETER SETTING" AND "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEARFIELD ALTIMETER SETTING AND INCREASE LPV DA TO 2113, LNAV/VNAV DA TO 2256 AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 SM, LNAV/VNAV ALL CATS VISIBILITY 1/4 SM, LNAV CAT C/D 1/4 SM AND CIRCLING CAT C 1/4 SM CAT D 1/2 SM" - PRIMARY ASOS ON WMSCR.
22. ADDITIONAL FLIGHT DATA: ADDED "CHART CIRCLING ICON" - NEW CIRCLING RADII HAS BEEN APPLIED.
23. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "1979 TREE 411007N/0785629W" TO "1979 TREE 411001N/0785356W" - NEW EVALUATION.
24. CHANGED FAS DATA LTP FROM "411029.1690N/0785427.1985W" TO "411029.1685N/0785427.1950W" - NEW SURVEY DATA
25. CHANGED FAS DATA FPAP FROM"411110.4500N/0785242.6100W" TO "411110.4440N/0785242.6050W" - BASED ON UPDATED DATA.
26. CHANGED FAS DATA VERTICAL ALERT LIMIT FROM "50.0" TO "35.0" - LPV HAT NOW 200
27. CRC REMAINDER CHANGED FROM "31480607" TO "8AA41FDA" - DUE TO LTP, FPAP, AND VAL FAS DATA CHANGES.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZOB, AIRPORT MANAGER

FLIGHT CHECKED BY

BRYAN VEIT

Digitally signed by

DONALD H LANIER

Dec 12, 2019

OFFICE

FICO

DATE

12/8/19

DEVELOPED BY

DONALD H. LANIER (CHRISTOPHER SCHONES)

Digitally signed by

DONALD H LANIER

Dec 12, 2019

OFFICE

AJV-A431

DATE

09/16/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Dec 12, 2019

OFFICE

AJV-A430

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	411110.4440N
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	8AA41FDA

ADDITIONAL PATH POINT RECORD INFORMATION

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

