

**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> KPIH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> POCATELLO	<u>STATE</u> ID		
<u>AIRPORT ELEVATION</u> 4452	<u>TDZE</u> 4452	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
PIH VOR/DME		BARSE		TF	FO	1.00	031.75	19.43	7800
IDA VOR/DME	IAF	BARSE	NOPT	TF	FB	1.00	191.22	28.03	7800
BARSE	IF/IAF	CUPTA		TF	FB	1.00	211.14	5.00	6400
CUPTA		HESNO		TF	FB	1.00	211.09	5.30	6000
HESNO	FAF	BEAKS/1.75 NM TO RW21		TF	FB	0.30	211.03	2.95	
BEAKS/1.75 NM TO RW21		RW21	MAP	TF	FO	0.30	211.03	1.75	
RW21	MAP	4652 MSL		CA			211.03		
4652 MSL		HUMBA		DF	FB	1.00			
HUMBA		SICOY		TF	FO	1.00	273.06	10.21	7000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7000 DIRECT HUMBA AND TRACK 273.06 TO SICOY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE BARSE, RT, 211.14 INBOUND, 7800 FT. IN LIEU OF PT (IAF), MAX 14000.					
3. FAC:	211.03	FAF: HESNO	DIST FAF TO MAP: 4.70	DIST FAF TO THLD: 4.70	
4. MIN ALT:	BARSE 7800, CUPTA 6400, HESNO 6000, BEAKS/1.75 NM TO RW21 5060				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.47	GS ANT:
6. MIN GP INCPT:	6000	GP ALT AT PFAF :	HESNO 6000	OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 56.0	IM:
8. MSA FROM:	RW21 10700				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA SE OF RWY 3-21.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IDA VOR/DME ON V365 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIH VOR/DME ON AIRWAY RADIALS 318 CW 358.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO RVR 5500.
CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART: SALT LAKE CENTER FREQUENCY
CHART CIRCLING ICON.
HOLD W, RT, 088.97 INBOUND.
CHART FAS OBST: 4574 TRANSMISSION_LINE (16-052324) 425527N/1123301W.
CHART 4726 TOWER 425745N/1122951W.
CHART VDP AT 1.00 NM TO RW21.
WAAS CHANNEL # 78212
REFERENCE PATH ID: W21A
LTP HAE: 1342.6 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*	4652	2400	200	4652	2400	200	4652	2400	200	4652	2400	200			
LNAV/VNAV DA	4835	3500	383	4835	3500	383	4835	3500	383	4835	3500	383			
LNAV MDA	4820	2400	368	4820	2400	368	4820	3500	368	4820	3500	368			
CIRCLING	4860	1	408	4920	1	468	4920	1 1/2	468	5020	2	568			



CHANGES - REASONS

1. TERMINAL ROUTE BARSE TO CUPTA ALTITUDE CHANGED FROM 7000 TO 6400. - NEW EVALUATION.
2. TERMINAL ROUTE CUPTA TO HESNO DISTANCE CHANGED FROM 5.36 TO 5.30. - MOVEMENT OF HESNO.
3. FAF HESNO MOVED 355.75 FEET NE FROM 425826.30N/1123008.77W TO 425828.78N/1123005.38. - ALIGN WITH ILS DESIGNED GLIDE PATH.
4. ADDED STEPDOWN TERMINAL ROUTE LEG HESNO TO BEAKS/1.75 NM TO RW21, 211.03 DEGREES, 2.95 NM DISTANCE. - NEW EVALUATION.
5. ADDED STEPDOWN TERMINAL ROUTE LEG BEAKS/1.75 NM TO RW21 TO RW21, 211.03 DEGREES, 1.75 NM DISTANCE. - NEW EVALUATION.
6. ADDED TERMINAL ROUTES MISSED APPROACH LEG RW21, MAP, 4652 MSL, CA, 211.03. - 8260.19I COMPLIANCE.
7. ADDED TERMINAL ROUTES MISSED APPROACH LEG 4652 MSL, HUMBA, DF, FB, 1.00. - 8260.19I
8. ADDED TERMINAL ROUTES MISSED APPROACH LEG HUMBA, SICOY, TF, FO, 1.00, 273.06, 10.21, 7000. - 8260.19I COMPLIANCE.
9. CHANGED MISSED APPROACH FROM CLIMB TO 7000 DIRECT HUMBA AND ON 273 TRACK TO SICOY AND HOLD TO CLIMB TO 7000 DIRECT HUMBA AND TRACK 273.06 TO SICOY AND HOLD. - 8260.19I CRITERIA.
10. ADDED MAX 14000 TO PROFILE LINE 2. - 8260.19I CRITERIA.
11. CHANGED PROFILE LINE 3 DIST FAF TO MAP: 4.64 THLD: 4.64 TO DIST FAF TO MAP: 4.70, DIST FAF TO THLD: 4.70. - LENGTH OF FINAL CHANGED WITH HENSO MOVEMENT.
12. CHANGE PROFILE LINE 4 FROM BARSE 7800, CUPTA 7000, HESNO 6000 TO BARSE 7800, CUPTA 6400, HESNO 6000, BEAKS/1.75 NM TO RW21 5060. - ADDITION OF STEPDOWN.
13. CHANGED HESNO TO HESNO 6000 ON PROFILE LINE 6. - 8260.19I CRITERIA.
14. ADDED 20:1 IS CLEAR TO PROFILE LINE 7. - NEW EVALUATION.
15. ADDED PBN REQUIREMENTS NOTE RNP APCH-GPS. - 8260.19I CRITERIA.
16. DELETED CHART NOTE: DME/DME RNP-0.3NA. - 8260.19I CRITERIA.
17. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C (-9°F) OR ABOVE 39°C (102°F) TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C. - 8260.19I CRITERIA AND NEW 5 YEAR CLIMATE REVIEW.
18. UPDATED ALTIMETER NOTE AND MOVED TO THE GENERAL REMARKS ON THE -9 FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IDAHO FALLS ALTIMETER SETTING AND INCREASE ALL DA AND MDA 140 FEET; INCREASE LPV ALL CATS, LNAV CAT C AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE. TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IDAHO FALLS ALTIMETER SETTING: INCREASE LPV DA TO 4792 FEET AND VISIBILITY TO RVR 2600, LNAV/VNAV DA TO 4975 FEET AND VISIBILITY TO RVR 5500; INCREASE ALL MDAS 140 FEET AND VISIBILITY LNAV CATS C/D TO RVR 5500, AND CIRCLING CAT C/D VISIBILITY 1/4 SM. - NEW VISIBILITY CHECK.
19. REMOVED CHART NOTE INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D. - NEW VISIBILITY CHECK.
20. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO RVR 5500. - NEW EVALUATION.
21. UPDATED THEN MOVED NOTE TO GENERAL REMARKS: FOR INOPERATIVE ALS WHILE USING IDAHO FALLS ALTIMETER SETTING INCREASE LPV VISIBILITY TO RVR 5000, LNAV CAT C/D TO 1 3/8 SM. - NEW VISIBILITY CHECK.
22. UPDATED FAS OBSTACLE FROM 4486 ROD ON OL WDI 425511N/1123420W, 4494 TREE 425645N/1123230 TO CHART FAS OBST: 4574 TRANSMISSION_LINE (16-052324) 425527N/1123301W IN ADDITIONAL FLIGHT DATA. - NEW EVALUATION.
23. UPDATED CHART VDP FROM CHART VDP AT 0.86 MILES TO RW21* *LNAV ONLY TO CHART VDP AT 1.00 NM TO RW21 IN ADDITIONAL FLIGHT DATA.- NEW EVALUATION.
24. ADDED LTP HAE: 1342.6M IN ADDITIONAL FLIGHT DATA. - 8260.19I REQUIREMENT.
25. UPDATED MINIMA LNAV/VNAV FROM 4797/345 RVR 4000 TO 4835/383 RVR 3500; LNAV FROM CATS A/B/C 4780/328 RVR 2400, CAT D 4780/328 RVR 5000 TO LNAV ALL CATS 4820/368 AND VISIBILITY CAT C/D RVR 3500. - NEW EVALUATION AND VISIBILITY CHECK.
26. CRC REMAINDER CHANGED FROM D9B14512 TO 02A4DF94.- NEW EVALUATION.
27. CHANGED VGSI AND RNAV GLIDEPATH NOT COINCIDENT. TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - 8260.19I CRITERIA.
28. BARO-VNAV AND VDP NA WHEN USING IDAHO FALLS ALTIMETER SETTING NOTE WAS MOVED TO GENERAL REMARKS ON THE -9. 8260.19I CRITERIA.
29. CHANGES FROM P-NOTAMS FOR AMDT 1A & AMDT 1B INCORPORATED INTO FORM. - IAW 8260.19I PARA 8-3-4C(3).
30. CHANGED CHART NOTE CIRCLING NA SOUTHEAST OF RWY 3-21 TO CIRCLING NA SE OF RWY 3-21. - 8260.19I COMPLIANCE.
31. ADDED CHART: SALT LAKE CENTER FREQUENCY IN ADDITIONAL FLIGHT DATA. - 8260.19I COMPLIANCE.
32. CHANGED CHART NOTE **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING IDAHO FALLS ALTIMETER SETTING). TO *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. - 8260.19I COMPLIANCE.
33. UPDATED FINAL TYPE LPV DA** TO LPV DA*. - 8260.19I COMPLIANCE.
34. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIH VOR/DME ON AIRWAY RADIALS 358 CW 016. TO PROCEDURE NA FOR ARRIVALS AT PIH VOR/DME ON AIRWAY RADIALS 318 CW 358. - 8260.19I COMPLIANCE.
35. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IDA VOR/DME ON AIRWAY RADIALS 199 CW 233. TO PROCEDURE NA FOR ARRIVALS AT IDA VOR/DME ON V365 NORTHEAST BOUND.
36. UPDATED THE 7:1 OBSTACLE FROM 4720 TOWER 425747N/1123002W. TO CHART 4726 TOWER 425745N/1122951W. - NEW EVALUATION.
37. FAS DATA LTP CHANGED FROM 425509.4425N/1123436.7770W TO 425509.4375N/1123436.7835W. - NEW EVALUATION.
38. FPAP CHANGED FROM 425406.1500N/1123602.8000W TO 425406.1355N/1123602.8165W. - NEW EVALUATION.
39. CHANGED CIRCLING CAT A MDA/HAA FROM 4820/368 TO 4860/408. - NEW EVALUATION.
40. MOVED DISTANCE TO THLD FROM 200 HAT: 0.47 NM TO LINE 5 OF PROFILE. - 8260.19I COMPLIANCE.
41. THIS AMENDMENT CANCELS T-NOTAM 0/7082.

03/01/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/30/21.
ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: APT MGR, PIH ATCT, ZLC

FLIGHT CHECKED BY
BRYAN SCOTT VEIT

Digitally signed by
CASIMIR L TABAKA
Mar 01, 2022

OFFICE
FIOG

DATE
02/25/2022

DEVELOPED BY
JOHN KEEFER

Digitally signed by
CASIMIR L TABAKA
Mar 01, 2022

OFFICE
AJV-A432

DATE
09/30/2021

APPROVED BY
LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
Mar 01, 2022

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	KPIH
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	425509.4375N
LTP/FTP LONGITUDE	1123436.7835W
LTP/FTP ELLIPSOIDAL HEIGHT	+13426
FPAP LATITUDE	425406.1355N
FPAP LONGITUDE	1123602.8165W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	02A4DF94

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+13557
FPAP ORTHOMETRIC HEIGHT	+13557

