

**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> KVYS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> PERU	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 654	<u>TDZE</u> 654	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
BDF VORTAC		JITSA		TF	FO	1.00	043.04	30.31	2500
KELSI		JITSA		TF	FO	1.00	314.04	9.77	2500
SHOOF	IAF	JITSA	NOPT	TF	FB	1.00	199.18	13.06	2500
JITSA	IF/IAF	FIREP		TF	FB	1.00	182.57	6.10	2300
FIREP	FAF	HORAH/1.97 NM TO RW18		TF	FB	0.30	182.57	3.08	
HORAH/1.97 NM TO RW18		RW18	MAP	TF	FO	0.30	182.57	1.97	
RW18	MAP	926 MSL		CA			182.57		
926 MSL		MRKWL		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW18

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT MRKWL AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N JITSA, RT, 182.57 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 182.57FAF: FIREPDIST FAF TO MAP: 5.04DIST FAF TO THLD: 5.04

4. MIN ALT: JITSA 2500, FIREP 2300, HORAH/1.97 NM TO RW18 1320

5. DIST TO THLD FROM OM:MM:IM:150 HAT:272 HAT: 0.73GS ANT:

6. MIN GP INCPT: 2300GP ALT AT PFAF : FIREP 2300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW18 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BDF VORTAC AIRWAY RADIALS 058 CW 085.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHOOF ON V6 EASTBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELSI ON V38 EASTBOUND AND V10 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 002.57 INBOUND.  
CHART FAS OBST: 765 BUILDING (17-028152) 412227N/0890934W.  
CHART VDP AT 1.02 NM TO RW18.  
WAAS CHANNEL # 86937  
REFERENCE PATH ID: W18A  
CHART CIRCLING ICON.  
LTP HAE: 166.4 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	939	1	285	939	1	285	939	1	285	939	1	285			
LNAV/VNAV DA	926	1	272	926	1	272	926	1	272	926	1	272			
LNAV MDA	1020	1	366	1020	1	366	1020	1	366	1020	1	366			
CIRCLING	1120	1	466	1240	1	586	1260	1 3/4	606	1460	2 1/2	806			



**CHANGES - REASONS**

1. ADDED PBN EQUIPMENT NOTE: RNP APCH - GPS AND REMOVED DME/DME RNP-0.3 NA - 8260.19I 8-6-8.
2. ADDED CHART CIRCLING ICON - 8260.19I 8-6-10.
3. TERMINAL ROUTES: UPDATED LPV MINIMUMS FROM 904/250 TO 939/285 - NEW CONTROLLING OBSTACLE.
4. TERMINAL ROUTES: UPDATED LNAV FINAL DISTANCE FOR FIREP TO HORAH/1.97 FROM 3.04 TO 3.08 - NEW HORAH LOCATION REQUESTED BY FPT.
5. TERMINAL ROUTES: UPDATED LNAV STEPDOWN FINAL DISTANCE FROM 2.00 TO 1.97 - NEW HORAH LOCATION REQUESTED BY FPT.
6. REMOVED BACKUP ALTIMETER AND ASSOCIATED NA NOTE - MOVED TO -9 AS A CONTINGENCY NOTE.
7. UPDATED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 8260.19I 8-6-11.
8. ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - 8260.19I 8-6-9.
9. ADDED CHART NOTE 20:1 IS CLEAR - 8260.19I 8-6-7.
10. UPDATED HEIGHT ABOVE TOUCHDOWN FROM 250 HAT: 0.66 NM TO 272 HAT: 0.73 - 8260.19I 8-6-7.
11. ADDED PROFILE VIEW LINE 2 MAX ALT 6000 - MISSING FROM LAST AMENDMENT.
12. UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON BDF VORTAC AIRWAY RADIALS 003 CW 085" TO "PROCEDURE NA FOR ARRIVAL ON BDF VORTAC AIRWAY RADIALS 058 CW 085" - 8260.19I 8-2-5.
13. UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT KELSI ON V38 EASTBOUND AND V10 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT KELSI ON V38 EASTBOUND AND V10 NORTHEAST BOUND" - 8260.19I 8-2-5.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

MICHAEL A GREENWOOD

*Digitally signed by***CASIMIR L TABAKA**

Sep 02, 2022

**OFFICE**

FPO

**DATE**

08/31/2022

**DEVELOPED BY**

CASEY HILL

*Digitally signed by***CASEY D HILL**

Jul 05, 2022

**OFFICE**

AJV-A432

**DATE**

05/23/2022

**APPROVED BY**

CASIMIR TABAKA

*Digitally signed by***CASIMIR L TABAKA**

Jul 12, 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	KVYS
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	412136.3175N
LTP/FTP LONGITUDE	0890911.4175W
LTP/FTP ELLIPSOIDAL HEIGHT	+01664
FPAP LATITUDE	412007.1730N
FPAP LONGITUDE	0890910.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	119D93A9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01994
FPAP ORTHOMETRIC HEIGHT	+01994



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KVYS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 1A	<u>CITY</u> PERU	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 654	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM  
BDF VORTAC

TO  
JITSA

<u>RNP</u>	<u>DISTANCE</u> 30.31	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.WINDMILL (17-003454)	411351.90N/0893354.82W		1328	500	50	5D	1000				AT172	2500
2.TERRAIN	411421.00N/0893321.00W		932 (900)								AS1500	2400

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER

FROM  
KELSI

TO  
JITSA

<u>RNP</u>	<u>DISTANCE</u> 9.77	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (17-001806)	413208.00N/0890625.00W		1084	500	50	5D	1000				AT416	2500
4.TERRAIN	413327.00N/0890854.00W		811 (800)								AS1500	2300

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



INITIAL

FROM

SHOOF

TO

JITSA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	13.06											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.WINDMILL (17-022505)	414150.76N/0890654.38W		1475	500	50	5D	1000					2500
6.TERRAIN	414142.00N/0890721.00W		1011 (1000)								AS1500	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INTERMEDIATE

FROM

JITSA (IF/IAF)

TO

FIREP

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.10											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	413300.00N/0891124.00W		1070				500				AC60 DG670	2300
8.TERRAIN	413300.00N/0891124.00W		870 (900)								AS1000	1900

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LPV

FROM

FIREP

TO

RW18

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.05		DA		285							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.SIGN (17-063042)	412202.23N/0890910.71W		727	250	50	4D		34.00:1				939

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

FIREP

TO

RW18

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.05		DA		272							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.BLDG (17-028152)	412227.32N/0890934.46W		765	20	3	1A	161					926

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV

FROM

FIREP

TO

HORAH/1.97 NM TO RW18

<u>RNP</u>	<u>DISTANCE</u> 3.08	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
11.AAO	412554.00N/0890930.00W		880	50	20	2C	250				RA80 DG110	1320

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

HORAH/1.97 NM TO RW18

TO

RW18

<u>RNP</u>	<u>DISTANCE</u> 1.97	<u>PAT</u>	<u>MAP</u> RW18	<u>HAT</u> 366			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
10.BUILDING (17-028152)	412227.32N/0890934.46W		765	20	3	1A	250					1020

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:





HOLD-IN-LIEU OF PT

FROM  
JITSA

TO  
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.WINDMILL (17-003753)	413720.24N/0890827.62W		1310	250	50	4D	1000					2400
6.TERRAIN	414142.00N/0890721.00W		1011 (1000)								AS1500	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM  
DA

TO  
MRKWL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 737				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2500
13.TOWER (17-082690)	411232.26N/0890815.72W	1216	250	50	4D	1000					2300
TERRAIN	411509.00N/0891109.00W	770 (800)								AS1500	2300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

MRKWL

RNP	DISTANCE	PAT	MAP	HAT			HMAS 765					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2500
13.TOWER (17-082690)	411232.26N/0890815.72W		1216	250	50	4D	1000					2300
TERRAIN	411509.00N/0891109.00W		770 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW18

TO

MRKWL

RNP	DISTANCE	PAT	MAP	HAT			HMAS 920					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2500
13.TOWER (17-082690)	411232.26N/0890815.72W		1216	250	50	4D	1000					2300
TERRAIN	411509.00N/0891109.00W		770 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

KVYS

PROCEDURE NAME

RNAV (GPS) RWY 18

AMDT NO.

1A

CITY

PERU

STATE

IL

AIRPORT ELEVATION

654

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
15.TANK (17-028118)	412053.01N/0890743.62W	1.30	466	810	20	3	1A	300			1120
CATEGORY B											
16.TOWER (17-000572)	412034.00N/0890648.00W	1.83	586	885	250	50	4D	300		AC50	1240
CATEGORY C											
17.TOWER (17-001289)	412147.81N/0890553.40W	2.87	606	941	20	3	1A	300			1260
CATEGORY D											
13.TOWER (17-000135)	411732.00N/0890800.00W	3.75	806	1152	50	20	2C	300			1460

CIRCLING REMARKS:

MSA

CENTER

RW18

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (17-001650)	411654.60N/0885611.10W	119	10.9	2005	50	20	2C	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZAU ARTCC, IKK FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KVYS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KVYS	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KC75	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KC75	<u>DISTANCE</u> 22.50	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 62

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KVYS 654.2, KC75 584.6  
RA=61.48

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - MIRL (PCL), REIL (PCL)		NPI-G	
RW18 - MIRL (PCL)		NPI-G	
RW25 - MIRL (PCL), REIL (PCL)		NPI-G	
RW36 - MIRL (PCL), ODALS (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 654.2	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -16C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -16C	<u>APT ISA</u> +13.7C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 963 HIGH TEMP 1271.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	RWY 18		
34:1			
727 SIGN (17-063042) 412202.23N/0890910.71W (1.56)		693 POLE (17-021825) 412151.20N/0890906.83W (0.46)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

TAA NOT DEVELOPED PER ATC REQUEST.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARSHALL COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1001 FEET, LNAV/VNAV DA TO 988 FEET AND ALL MDA 80 FEET, INCREASE LNAV CATS C/D VISIBILITY 3/8 SM AND CIRCLING CAT C/D VISIBILITY 1/2 SM.

BARO-VNAV AND VDP NA WHEN USING MARSHALL COUNTY ALTIMETER SETTING.

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KVYS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 1A	<u>CITY</u> PERU	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 654	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.16
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	179.57
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	10.74
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	179.57
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD  
COORDINATES  
(IF STR-IN)

412136.32N/0890911.42W

ARP COORDINATES

412100.50N/0890910.60W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 18 DISTANCE 0.60 NM

FAF  
COORDINATES

412639.01N/0890914.44W

FIX NAME  
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY  
10  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 10 of 11

PART E: PREPARED BY

<u>NAME</u> CASEY HILL	<u>OFFICE</u> AJV-A432	<u>DATE</u> 05/23/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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