

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
SDF	RNAV (RNP) Z RWY 35R	1	LOUISVILLE	KY		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
501	479	RNAV (RNP) Z RWY 35R	ORIG-D	08/15/2019	5W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV			ROUTINE			

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>
MEEKO	IAF	OHNNA		TF	FB	1.00	350.20	4.51	5000
OHNNA		PGSUS		TF	FB	1.00	350.18	3.73	4000
PGSUS	IF	UPSCO		TF	FB	1.00	349.96	3.49	3000
UPSCO		PARCL	PFAF	TF	FB	1.00	349.97	2.60	2400
TUSCR	IF	MSBEA		TF	FB	1.00	136.61	5.75	4900
MSBEA		PARCL		RF	FB	1.00	(3.14 NM RADIUS CCW (CFLBD))	8.05	2400
MLLEY	IF	AYYOU		TF	FB	1.00	197.34	3.74	5000
AYYOU		PARCL		RF	FB	1.00	(3.14 NM RADIUS CW (CFFWC))	8.37	2400
PARCL	PFAF	RW35R	MAP	TF	FO	0.30	349.93	5.87	
RW35R	MAP	1600 MSL		CA			349.93		1600
1600 MSL		TORAC		DF	FO	1.00			4000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 DIRECT TORAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT PARCL														
3.	FAC:	349.93	PFAF:	PARCL	DIST PFAF TO MAP:	DIST PFAF TO THLD:									
4.	MIN ALT:	PARCL 2400													
5.	DIST TO THLD FROM OM:	5.87	MM:	IM:	150 HAT:	313 HAT:	0.82	GS ANT:							
6.	MIN GP INCPT:	2400	GP ALT AT PFAF:	PARCL 2400		OM:		MM:		IM:					
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	60.4							
8.	MSA FROM:	RW35R 3600													

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.12 ALL CATS VISIBILITY TO RVR 4500.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT PGSUS: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT TUSCR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT MLLEY: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 071.00 INBOUND.
CHART R3704 A.
CHART R3704 B.
CHART MANDATORY 6000 AT MEEKO.
CHART MANDATORY 6000 AT TUSCR.
CHART MANDATORY 6000 AT MLLEY.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.12 DA	792	2400	313	792	2400	313	792	2400	313	792	2400	313			
RNP 0.30 DA	892	4000	413	892	4000	413	892	4000	413	892	4000	413			



CHANGES - REASONS

1. SEGMENTS STUGZ - BNETT - CATEK - DICAP - ECITO - PARCL REMOVED - ATC REQUEST.
2. SEGMENT DIGGR - CATEK REMOVED - ATC REQUEST.
3. SEGMENTS TUPAY - GETTA - HALVO - PARCL REMOVED - ATC REQUEST.
4. SEGMENT BRBON - PGSUS REMOVED - ATC REQUEST.
5. SEGMENT TUSCR - MSBEA - PARCL ADDED - ATC REQUEST.
6. SEMGENT MLLEY - AYYOU - PARCL ADDED - ATC REQUEST.
7. SEGMENT MEEKO - OHNNA - PGSUS ADDED - ATC REQUEST.
8. RNP 0.12 DA CHANGED FROM 795/HAT 315 VIS 2600 TO 792/HAT 313 VIS 2400 - REVISED OBSTACLE EVAL, PER UPDATED VIS TABLES.
9. RNP 0.30 DA CHANGED FROM 951/HAT 471 VIS 5500 TO 892/HAT 413 VIS 4000 - REVISED OBSTACLE EVAL, PER UPDATED VIS TABLES.
10. PBN NOTE CHANGED FROM RNP AR APCH TO RNP AR APCH - GPS - PER 8260.19I/8260.58C.
11. BARO-VNAV NOTE, LOW TEMP CHANGED FROM -14 TO -13 - PER LATEST DATA.
12. CHANGED INOP ALS NOTE FROM "FOR INOP ALS, INCREASE RNP 0.12 ALL CATS VISIBILITY TO RVR 5000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/4 SM" TO READ "FOR INOP ALS, INCREASE RNP 0.12 ALL CATS VISIBILITY TO RVR 4500" - PER UPDATED MINIMUMS/VIS TABLES.
13. UPDATED SIMULTANEOUS APPROACH AUTHORIZED NOTE, REMOVED "EXCEPT FOR ARRIVALS AT DIGRR, TUPAY, AND STUGZ" - PER SEGMENT REMOVALS.
14. TDZE CHANGED FROM 480 TO 479 - UPDATED DATA.
15. PROFILE LINE 3: FAC CHANGED FROM 349.94 TO 349.93 - PER LATEST EVAL.
16. PROFILE LINE 5: CHANGED DIST TO THLD FROM 315 HAT: 0.80 TO 313 HAT: 0.82 - PER UPDATED MINS.
17. ADDED CHART SPEED ICON IN PLANVIEW NOTES - PER 8260.19I.
18. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY ALTITUDES AT MEEKO, TUSCR, AND MLLEY - ATC REQUEST/PER 8260.19I.

04/10/24. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/02/24.

1. OHNNA CHANGED FROM INTERMEDIATE FIX TO INITIAL STEPDOWN FIX, PGSUS CHANGED FROM INTERMEDIATE STEPDOWN FIX TO INTERMEDIATE FIX.

2. ADDED NOTE "CHART SPEED ICON IN PLANVIEW AT PGSUS: MAX 210 KIAS".

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZID, SDF APP CON, SDF ATCT, AMGR.

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by

PHILLIP BRANDENBURG

Apr 10, 2024

OFFICE

DATE

AJV-A423

01/02/2024

APPROVED BY

ALLAN WILL

OFFICE

DATE

AJV-A423

TITLE

MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SDF	RNAV (RNP) Z RWY 35R	1	LOUISVILLE	KY	501	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM MEEKO **TO** OHNNA

RNP 1.00 **DISTANCE** 4.51 **PAT** **MAP** **HAT** **HMAS**

<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>
AAO	375248.00N/0853918.00W	1162	215	8	4B	1000				AT2838	5000
TERRAIN	375248.00N/0853918.00W	961 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL STEPDOWN

FROM OHNNA **TO** PGSUS

RNP 1.00 **DISTANCE** 3.73 **PAT** **MAP** **HAT** **HMAS**

<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>
TOWER (21-001296)	375637.23N/0853837.85W	1107	250	50	4D	1000				AT1893	4000
TERRAIN	375551.00N/0853606.00W	915 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
34
CHECKED

INTERMEDIATE

FROM

PGSUS

TO

UPSCO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	3.49										
<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>
AAO	375754.00N/0853748.00W	1047	215	8	4B	500				AT1453	3000
TERRAIN	380048.00N/0854203.00W	718 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM

UPSCO

TO

PARCL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	2.60										
<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>
TOWER (21-000420)	380349.32N/0854351.61W	1254	20	10	1B	500					1754
TERRAIN	380345.00N/0854354.00W	859 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

TUSCR

TO

MSBEA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.75										
<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>
STACK (21-039606)	380308.53N/0855435.61W	1068	100	50	3D	500				AT3332	4900
TERRAIN	380236.00N/0855048.00W	856 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM

MSBEA

TO

PARCL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	8.05										
<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>
TOWER (21-000870)	380158.03N/0854516.83W	1304	20	10	1B	500					1804
TERRAIN	380121.00N/0854630.00W	882 (900)								AS1500	2400

COMPUTATIONS

RF SEGMENT

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

MSBEA-PARCL

4900

210

231.89

4399.2

55.06

3.14

20.91

0

0

(CFLBD)/8.05 NM

SEGMENT REMARKS:



INTERMEDIATE

FROM

MLLEY

TO

AYYOU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.74										
<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>
TOWER (21-020059)	380615.81N/0853401.36W	1012	20	10	1B	500				AT3488	5000
TERRAIN	380618.00N/0853421.00W	725 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM

AYYOU

TO

PARCL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	8.37										
<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>
TOWER (21-000420)	380349.32N/0854351.61W	1254	20	10	1B	500					1754
TERRAIN	380345.00N/0854354.00W	859 (900)								AS1500	2400

COMPUTATIONS

RF SEGMENT

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

AYYOU-PARCL

5000

210

232.25

4499.2

38.81

3.14

18.83

0

0

(CFFWC)/8.37 NM

SEGMENT REMARKS:



FINAL

FROM

PARCL

TO

RW35R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.12	5.87		DA	313	

<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>
POLE (21-022450)	380924.30N/0854331.60W	542	250	50	4D		21.42:1			AC50	792

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

PARCL

TO

RW35R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.87		DA	413	

<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>
TOWER (21-081939)	380913.06N/0854226.05W	601	20	10	1B		21.39:1			MA11 AC10	892

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

TORAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
0.12						631					
<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				4000
TOWER (21-000111)	381540.67N/0852543.01W	1409	250	50	4D	1000					2500
TERRAIN	382045.00N/0852527.00W	892 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

TORAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30-1.00								731			
<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>
CONTROL_TOWER (21-001527)	380932.61N/0854348.30W	740	20	3	1A		ASC				4000
TOWER (21-000111)	381540.67N/0852543.01W	1409	250	50	4D	1000					2500
TERRAIN	382045.00N/0852527.00W	892 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MSA

CENTER

RW35R

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (21-001039)	382723.00N/0852528.00W	044	22.4	2548	500	50	5D	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FOOT ASSUMED TREE HEIGHT PER FPT.

MANDATORY ALTITUDES REQUIRED BY ATC.

SDF IS THE CONTROLLING AGENCY FOR R3704A/B AND WILL NOT USE APPROACHES FROM THE WEST WHEN ACTIVE.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SDF APP CON, SDF TOWER, ZID ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	SDF	24	SDF	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

24 HOUR ATC TOWER HAS REDUNDANT WEATHER SOURCES, BACK-UP ALTIMETER NOT REQUIRED.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
			3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW11 - HIRL, PAPI-4L	BSC-G	ROLL OUT
RW17L - MALSR, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW17R - MALSR, TDZ, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW29 - MALSR, HIRL, PAPI-4L	PIR-G	APPROACH
RW35L - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW35R - ALSF-2, TDZ, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	471.4	60.4			3.00	72.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	449
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-13C	+54C	-13C	+14.01C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2022).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 961 HIGH TEMP 1268.

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - RNP PROCEDURE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
APPROVAL LETTER: MANDATORY ALTITUDES AT INTERMEDIATE FIXES MLLEY, TUSCR.

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	4.30
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	344.93
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	5.87
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	344.93
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN) 380956.69N/0854326.33W
ARP COORDINATES
RUNWAY APCH END AND DIST FURTHEST FROM ARP
FAF COORDINATES 380416.47N/0854130.29W
FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
THLD DISPLACED 449FT, ACTUAL COORDINATES: 380952.40N/0854324.87W

PART E: PREPARED BY

NAME

PHILLIP BRANDENBURG

OFFICE

AJV-A423

DATE

01/02/2024

TITLE

AERONAUTICAL INFORMATION SPECIALIST

