

**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> 96D	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> WALHALLA	<u>STATE</u> ND		
<u>AIRPORT ELEVATION</u> 953	<u>TDZE</u> 953	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/28/2016	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 1/24/2021	<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>
EDSIQ		CUJZU		TF	FB	1.00	353.00	43.23	4000
HML TACAN		DEMKY		TF	FB	1.00	250.71	25.12	3200
DEMKY	IAF	BUWBI	NOPT	TF	FB	1.00	254.13	5.00	3200
CUJZU	IAF	BUWBI	NOPT	TF	FB	1.00	073.95	5.00	3200
BUWBI	IF/IAF	AKUSE		TF	FB	1.00	344.04	5.00	2700
AKUSE	FAF	RW33	MAP	TF	FO	0.30	344.03	5.36	
RW33	MAP	1353 MSL		CA			344.03		
1353 MSL		BUWBI		DF	FO	1.00			3200

**MISSED APPROACH**

**MAP:**  
LNAV: RW33

**MISSED APPROACH INSTRUCTIONS:**  
CLIMBING RIGHT TURN TO 3200 DIRECT BUWBI AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
29  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S BUWBI, RT, 344.04 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 344.03FAF: AKUSEDIST FAF TO MAP: 5.36DIST FAF TO THLD: 5.36

4. MIN ALT: BUWBI 3200, AKUSE 2700

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

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

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS CLEARTCH:

8. MSA FROM: RW33 3300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HALLOCK ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART MINNEAPOLIS CENTER FREQUENCY.  
CHART FAS OBST: 1301 TREES 485409N/0975357W.  
FAS OBST: 1385 AAO 485036N/0975412W.  
CHART VDP AT 2.19 NM TO RW33.  
AKUSE TO RW33: 3.00/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 1100-2, 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
LNAV MDA	1680	1	727	1680	1	727		NA			NA				
CIRCLING	1680	1	727	1960	1 1/2	1007		NA			NA				



**CHANGES - REASONS**

1. UPDATE FEEDER NAME FROM HML VORTAC TO HML TACAN - VOR DECOMMISSIONED.
  2. INCREASE CIRCLING CAT B MDA/HAA FROM 1680/727 TO 1960/1007 AND VISIBILITY FROM 1 TO 1 1/2 NM - UPDATED EVALUATION, NEW OBSTACLE DATA. INCOPORATED TNOTAM 0/9417 WHICH FLIGHT CHECKED THE EXPANDED CIRCLING AREAS.
  3. ADDED RNP APCH - GPS TO PBN REQUIREMENTS NOTES - IAW 8260.19I, PARA 8-6-8B(2).
  4. UPDATED ALTIMETER SOURCE FROM KHCO TO K96D - K96D IS THE PRIMARY LOCAL ALTIMETER SOURCE.
  5. ADDED ALTERNATE MINIMUMS STANDARD EXCEPT CAT B 1100-2, NA WHEN LOCAL WEATHER NOT AVAILABLE- NEW CIRCLING RADII APPLIED VISIBILITIES INCREASED AND 96D NOW HAS ALTIMETER.
  6. UPDATED PROFILE NOTE FROM VGSI AND DESCENT ANGLES NOT COINCIDENT TO VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19I, PARA 8-6-9M(2).
  7. UPDATED CHART NOTE FROM HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW 8260.19I, PARA 8-6-11K(3).
  8. ADDED 20:1 IS CLEAR - AIRPORT VALIDATED 20:1 VISUAL SURFACE IS CLEAR.
  9. MARVAR CORRECTED FROM 6E TO 7E - 6E APPLIED ON PREVIOUS FORM INCORRECTLY.
  10. UPDATED TERMINAL ROUTE EDSIQ TO CUJZU COURSE FROM 354.00 TO 353.00 - MAGVAR 7E.
  11. UPDATED TERMINAL ROUTE HML TACAN TO DEMKY COURSE FROM 251.72 TO 250.71 - MAGVAR 7E AND CHANGE FROM HML VORTAC TO MHL TACAN LAT/LONG DIFFERENCE.
  12. UPDATED TERMINAL ROUTE HML TACAN TO DEMKY DISTANCE FROM 25.15 TO 25.12 - HML TACAN LAT/LONG UPDATED.
  13. UPDATED TERMINAL ROUTE DEMKY TO BUWBI COURSE FROM 255.13 TO 254.13 - MAGVAR 7E.
  14. UPDATED TERMINAL ROUTE CUJZU TO BUWBI COURSE FROM 074.95 TO 073.95 - MAGVAR 7E.
  15. UPDATED TERMINAL ROUTE BUWBI TO AKUSE COUSE FROM 345.04 TO 344.04 - MAGVAR 7E.
  16. UPDATED TERMINAL ROUTE AKUSE TO RWY 33 COURSE FROM 345.04 TO 344.03 - MAGVAR 7E AND DIFFERENCE FROM IAPA TO TARGETS BUILD, AKUSE AND RW33 DID NOT MOVE.
  17. ADDED CA LEG TO TERMINAL ROUTES - CA LEG IS USED AT THE FIRST LEG OF AN RNAV MISSED APPROACH AND BE FOLLOWED BY A DF LEG IAW 8260.58B, PARA 3-5-2.
  18. UPDATED PROFILE LINE 2 HOLDING COURSE FROM 345.04 TO 344.04 - MAGVAR 7E.
  19. ADDED PROFILE LINE 2 BUWBI MAX HOLDING ALTITUDE 6000 - BUWBI -2 MAX HOLDING ALT UPDATED.
  20. UPDATED PROFILE LINE 3 FAC FROM 345.04 TO 344.03 - MAGVAR 7E AND DIFFERENCE FROM IAPA TO TARGETS BUILD, AKUSE AND RW33 DID NOT MOVE.
  21. ADDED DIST FAF TO MAP 5.36 - MUST BE SPECIFIED FOR ALL RNAV PROCEDURES IAW 8260.19L, PARA 8-6-7.C(3)
  22. CHANGED CHART NOTE FROM USE HALLOCK MUNI ALTIMETER SETTING TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HALLOCK ALTIMETER SETTING - UPDATED ALTIMETER SOURCES.
  23. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 1-1-5.F.(18).
  24. ADDED 7:1 EXCLUDED OBS 1385 AAO 485036N/0975412W TO ADDITIONAL FLIGHT DATA - ORDER 8260.3 CHAPTER 2 APPLIED.
  25. ADDED CHART MINNEAPOLIS CENTER FREQUENCY TO ADDITIONAL FLIGHT DATA - APPROACH CONTROL PROVIDED BY ARTCC THROUGH A REMOTE SITE IAW 8260.19L, PARA 8-2-4.B(1).
  26. ADDED CHART VDP AT 2.19 NM TO RW33 - PRIMARY ALTIMETER NOW LOCAL, 20:1 SURFACE CONFIRMED CLEAR.
  27. UPDATED TERMINAL ROUTE BUWBI TO AKUSE ADDED FIX TYPE (IF/IAF) - IF/IAF FIX TYPES REUQUIRED IAW 8260.19L, PARA 8-6-4.A
  28. REMOVED FINAL SEGMENT TF FROM ADDITIONAL FLIGHT DATA - LEG TYPE INFORMATION FOUND IN TERMAINAL ROUTES.
  29. ADDED RNP VALUE TO TERMINAL ROUTE RW33 TO BUWBI - RNP VALUES FOR EACH SEGMENT IN TERMINAL ROUTES TO BE DOCUMENTED.
  30. UPDATED FAS OBST ENTRY FROM FAS OBST: 1301 TREE 485409/0975357 TO CHART FAS OBST: 1301 TREES 485409N/0975357W - ADDED CHART IAW 8260.19I PARA 8-6-10.C.
- CHANGES FROM P-NOTAM FOR ORIG- A INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAJ** ☐ **NBAA** ☒ **OTHER:** AMGR, ZMP ARTCC

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE** *Digitally signed by* **DATE**  
**DAVID TEFFETELLER**

Oct 13, 2021

**DEVELOPED BY**

DAVID TEFFETELLER (GUY COPELAND)

*Digitally signed by* **OFFICE** **DATE**  
**DAVID TEFFETELLER** AJV-A433 09/02/2021

Oct 13, 2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by* **OFFICE** **DATE**  
**DAVID TEFFETELLER** AJV-A430

Oct 13, 2021

**TITLE**  
MANAGER

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
96D	RNAV (GPS) RWY 33	ORIG-B	WALHALLA	ND	953	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM EDSIQ TO CUJZU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	43.23											
<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.TOWER (38-000174)	480818.00N/0975937.00W		2984	250	50	4D	1000					4000
2.TERRAIN	484218.00N/0980206.00W		1601 (1600)								AS1500	3100

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM HML TACAN TO DEMKY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	25.12											
<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 (38-000198)	484619.00N/0974446.00W		1320	500	50	5D	1000				XP880	3200
4.TERRAIN	484554.00N/0974357.00W		1000 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT PUBLISHED MINIMA



INITIAL

FROM

DEMKY

TO

BUWBI

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (38-000198)	484619.00N/0974446.00W		1320	500	50	5D	1000				XP880	3200
5.TERRAIN	484427.00N/0975315.00W		1102 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT PUBLISHED MINIMA

INITIAL

FROM

CUJZU

TO

BUWBI

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (38-000129)	484542.00N/0975826.00W		1755	50	20	2C	1000				XP445	3200
7.TERRAIN	484624.00N/0980118.00W		1548 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT PUBLISHED MINIMA



INTERMEDIATE

FROM

BUWBI (IF/IAF)

TO

AKUSE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.AAO	484736.00N/0975645.00W		1424	164	98	4E	500				AC98	2100
9.TERRAIN	484818.00N/0975633.00W		1217 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

AKUSE

TO

RW33

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.36		RW33	727								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TREES	485409.00N/0975357.00W		1301	50	20	2C	250				RA120	1680

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HCO RA 120 INCLUDED TO RETAIN CURRENT PUBLISHED MINIMA.



HOLD-IN-LIEU OF PT

FROM

BUWBI

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
11.AAO	484118.00N/0975621.00W		1651	164	98	4E	1000				XP549	3200
12.TERRAIN	484118.00N/0975621.00W		1450 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT PUBLISHED MINIMA

MISSED APPROACH : LNAV

FROM

RW33

TO

BUWBI

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1580					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3200
13.TOWER (38-000220)	485454.02N/0975547.53W		1481	250	50	4D	1000					2500
14.TERRAIN	485306.00N/0975806.00W		1236 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

96D

PROCEDURE NAME

RNAV (GPS) RWY 33

AMDT NO.

ORIG-B

CITY

WALHALLA

STATE

ND

AIRPORT ELEVATION

953

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.TREES	485536.00N/0975547.00W	1.30	727	1119	50	20	2C	300		SI	1680
CATEGORY B											
13.TOWER (38-000220)	485454.02N/0975547.53W	1.84	1007	1481	250	50	4D	300		AC50 RA120	1960

CIRCLING REMARKS:

CAT D: HCO RA 120 INCLUDED TO RETAIN CURRENT PUBLISHED MINIMA.

MSA

CENTER

RW33

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (38-000688)	483838.00N/0975847.00W	183	17.8	2245	250	50	4D	1000			3300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT CONSTRUCTED DUE TO PROXIMITY TO INTERNATIONAL AIRSPACE BOUNDARY.





PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZMP ARTCC

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> K96D	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> K96D	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KHCO	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHCO	<u>DISTANCE</u> 39.673	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 110

WX REMARKS:

<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>
RW15 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW33 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<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> 3.00	<u>TCH</u> 27.5
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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>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

AIRPORT VALIDATED 20:1 VISUAL SURFACE IS CLEAR. 34:1 VISUAL SURFACE ASSUMED TO BE PENETRATED.

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



**AIRPORT ID**  
96D

**PROCEDURE NAME**  
RNAV (GPS) RWY 33

**AMDT NO.**  
ORIG-B

**CITY**  
WALHALLA

**STATE**  
ND

**AIRPORT ELEVATION**  
953

**FACILITY**  
RNAV

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

<b><u>PENETRATIONS REMARKS:</u></b>

**PART C: GENERAL REMARKS:**  
PER PREVIOUS AMDT TREE HEIGHT 100 FEET.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 1385 AAO 485036.00N/0975412.00W.  
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	3.69
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	351.03
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1200
DISTANCE FROM	THLD	TO 1500FT POINT	5.36
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	351.03
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1200

THRESHOLD  
COORDINATES  
(IF STR-IN) 485609.50N/0975406.02W

ARP COORDINATES 485626.06N/09754010.00W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP RUNWAY 33 DISTANCE 0.28 NM

FAF  
COORDINATES 485052.09N/0975249.94W

FIX NAME  
COORDINATES

REMARKS  
NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

<u>NAME</u> DAVID TEFFETELLER (GUY COPELAND)	<u>OFFICE</u> AJV-A433	<u>DATE</u> 09/02/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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