

**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> K88	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> IOLA	<u>STATE</u> KS
<u>AIRPORT ELEVATION</u> 1016	<u>TDZE</u> 1016	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>DATED</u> 10/10/2019	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>
		<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>MAG VAR</u> 4E	

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>
NALLY		YACUC		TF	FB	1.00	333.07	32.31	3000
HOCJO		WAGEP		TF	FB	1.00	111.86	7.62	3000
WAGEP	IAF	TIGAY	NOPT	TF	FB	1.00	099.41	5.00	3000
YACUC	IAF	TIGAY	NOPT	TF	FB	1.00	279.53	5.00	3000
TIGAY	IF/IAF	SAVOF		TF	FB	1.00	189.47	6.04	2600
SAVOF	FAF	VEYUT/2.49 NM TO RW19		TF	FB	0.30	189.41	2.32	
VEYUT/2.49 NM TO RW19		RW19	MAP	TF	FO	0.30	189.41	2.49	
RW19	MAP	1416 MSL		CA			189.41		
1416 MSL		VUGBY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT VUGBY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD N TIGAY, RT, 189.45 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4000.
- FAC: 189.41 FAF: SAVOF DIST FAF TO MAP: 4.81 DIST FAF TO THLD: 4.81
- MIN ALT: TIGAY 3000, SAVOF 2600, VEYUT/2.49 NM TO RW19 1860
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: OM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW19 2800

QUALITY
26
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANUTE ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM.
CHART NOTE: VDP NA WHEN USING CHANUTE ALTIMETER SETTING.
CHART SPEED ICON IN PLANVIEW AT WAGEP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT YACUC: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.41 INBOUND.
CHART FAS OBST: 1170 TREE 375242N/0952342W.
CHART VDP AT 1.10 NM TO RW19.
SAVOF TO RW19: 3.00/52.

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
LNAV MDA	1420	1	404	1420	1	404	1420	1 1/8	404		NA				
CIRCLING	1480	1	464	1660	1	644	1660	1 3/4	644		NA				



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS 9/4363, 0/2223 FOR AMDT ORIG-A AND ORIG-B - IAW 8260.19I PARA 8-3-4.C(3).
2. TERMINAL ROUTES: ADDED FINAL, FINAL STEPDOWN AND MISSED SEGMENTS - IAW 8260.19I, PARA 8-6-4.A(6)(A).
3. TERMINAL ROUTES: UPDATED COURSE FROM NALLY TO YACUC FROM 333.06 TO 333.07 – MOVED YACUC TO SUPPORT ATC VECTORS PER FPT.
4. TERMINAL ROUTES: UPDATED COURSE FROM HOCJO TO WAGEP FROM 111.87 TO 111.86 – MOVED WAGEP TO SUPPORT ATC VECTORS PER FPT.
5. TERMINAL ROUTES: UPDATED COURSE FROM WAGEP TO TIGAY FROM 099.39 TO 099.41 – MOVED WAGEP TO SUPPORT ATC VECTORS PER FPT.
6. TERMINAL ROUTES: UPDATED COURSE FROM YACUC TO TIGAY FROM 279.51 TO 279.53 – MOVED YACUC TO SUPPORT ATC VECTORS PER FPT.
7. TERMINAL ROUTES: UPDATED COURSE/DISTANCE FROM TIGAY TO SAVOF FROM 189.45/6.10 TO 189.47/6.04 – MOVED SAVOF TO MAINTAIN 3.00 GS PER FPT.
8. PROFILE LINE 2: ADDED ", MAX 4000" - UPDATED IAW 8260.19I, 8-6-7.B(2).
9. PROFILE LINE 3: UPDATED FAC FROM 189.44 TO 189.41 - RELOCATED SAVOF TO MAINTAIN 3.00 GS PER FPT.
10. PROFILE LINE 3: UPDATED DIST TO FAF TO MAP AND DIST TO FAF TO THLD FROM 4.75 TO 4.81 – RELOCATED SAVOF TO MAINTAIN 3.00 GS PER FPT.
11. PROFILE LINE 4: CHANGED FROM "TIGAY 3000, SAVOF 2600, VEYUT/2.50 NM TO RWY 19 1860" TO "TIGAY 3000, SAVOF 2600, VEYUT/2.49 NM TO RW19 1860" – ADJUSTED SAVOF LOCATION FOR GS/TCH ALIGNMENT PER FPT, LNAV MDA LOWERED AFTER UPDATED OBSTACLE EVALUATION.
12. PROFILE LINE 7: ADDED "20:1: IS CLEAR" – IAW 8260.19I, 8-6-7G.(3)(A).
13. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8.B(2).
14. NOTES: CHANGED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANUTE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND VISIBILITY CIRCLING CAT C 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANUTE ALTIMETER SETTING: INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM." - IAW 8260.19I 8-6-9 E(2).
15. ADDITIONAL FLIGHT DATA: CHANGED "HOLD S, RT, 009.39 INBOUND" TO "HOLD S, RT, 009.41 INBOUND" – MATCHING INBOUND COURSE FOR RWY 1 HIL.
16. ADDITIONAL FLIGHT DATA: CHANGED "SAVOF TO RW19: 3.04/52" TO "SAVOF TO RW19: 3.00/52" – GS ADJUSTED TO BE COINCIDENT.
17. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBSTACLE FROM "1318 TOWER 375403NI0952356W" TO "1170 TREE 375242N/0952342W" – UPDATED EVALUATION.
18. CHART PLANVIEW NOTE: DELETE "PROCEDURE NA FOR ARRIVALS AT NALLY VIA V132 EASTBOUND AND V161 SOUTHWEST BOUND" – V161 AIRWAY CANCELLED.
19. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT WAGEP: MAX 210 KIAS" - SPEED RESTRICTIONS ADDED PER ATC/FPT REQUEST, IAW 8260.58C, 1-2-5.B.
20. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT YACUC: MAX 210 KIAS" - SPEED RESTRICTIONS ADDED PER ATC/FPT REQUEST, IAW 8260.58C, 1-2-5.B.
21. MINIMUMS: LOWERED LNAV MDA/HAT FROM 1460/444 TO 1420/404 – NEW OBSTACLE EVALUATION.
22. MINIMUMS: LOWERED LNAV CAT C VISIBILITY FROM 1 3/8 TO 1 1/8 – IAW 8260.3E.1, TABLE 3-3-1.
23. MINIMUMS: LOWERED CAT A CIRCLING CMDA/HAA FROM 1520/504 TO 1480/464 – NEW OBSTACLE EVALUATION.
24. MINIMUMS: RAISED CAT B CIRCLING CMDA/HAA FROM 1520/504 TO 1660/644 – NEW CONTROLLING OBSTACLE AND CLEARS T-NOTAM 3/7475.
25. ALTERNATE MINIMUMS: ADDED "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE." - LOCAL WEATHER NOW ON WMSCR.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZKC, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

DAVID DANNER (WALKER R. MILLIGAN)

OFFICE

AJV-A421

DATE

11/02/2023

APPROVED BY

DAVID DANNER

OFFICE

AJV-A421

DATE

07/11/2024

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>
K88	RNAV (GPS) RWY 19	1	IOLA	KS	1016	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM NALLY **TO** YACUC

RNP 1.00 DISTANCE 32.31 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>
WINDMILL (20-055093)	375719.12N/0951203.79W	1750	250	50	4D	1000				AT250	3000
TERRAIN	380224.00N/0951303.00W	1161 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM HOCJO **TO** WAGEP

RNP 1.00 DISTANCE 7.62 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	380818.00N/0953118.00W	1346	215	8	4B	1000				AT654	3000
TERRAIN	380821.00N/0953121.00W	1145 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

WAGEP

TO

TIGAY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	5.00										
<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	380348.00N/0952124.00W	1355	215	8	4B	1000				AT645	3000
TERRAIN	380400.00N/0952127.00W	1154 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

YACUC

TO

TIGAY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
1.00	5.00										
<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>
WINDMILL (20-055123)	380048.67N/0951412.18W	1700	250	50	4D	1000				AT300	3000
TERRAIN	380215.00N/0951421.00W	1161 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

TIGAY (IF/IAF)

TO

SAVOF

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.04										
<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>
WINDMILL (20-055140)	375928.70N/0951804.54W	1690	250	50	4D	500				AT410	2600
TERRAIN	380400.00N/0952127.00W	1154 (1200)								AS1000	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

SAVOF

TO

VEYUT/2.49 NM TO RW19

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.32										
<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 (20-000936)	375724.00N/0952217.00W	1482	500	50	5D	250				RA40 AC50 DG38	1860

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

VEYUT/2.49 NM TO RW19

TO

RW19

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	2.49		RW19	404	

<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>
TREE	375242.00N/0952342.00W	1170	215	8	4B	250					1420

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

TIGAY

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-5			

<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>
WINDMILL (20-055140)	375928.70N/0951804.54W	1690	250	50	4D	1000				AT310	3000
TERRAIN	380927.00N/0951412.00W	1197 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LNAV

FROM

RW19

TO

VUGBY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30-1.00								1320			
<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				3000
TOWER (20-001847)	374156.00N/0952733.00W	1387	50	20	2C	1000					2400
TERRAIN	375239.00N/0952348.00W	1069 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TREE	375242.00N/0952342.00W	1.30	464	1170	215	8	4B	300			1480
CATEGORY B											
ANTENNA (20-044783)	375402.52N/0952356.11W	1.84	644	1359	20	3	1A	300			1660
CATEGORY C											
ANTENNA (20-044783)	375402.52N/0952356.11W	2.90	644	1359	20	3	1A	300			1660

CIRCLING REMARKS:

MSA

CENTER

RW19

RADIUS

25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	WINDMILL (20-055094)	375732.70N/0951456.42W	048	8.2	1760	250	50	4D	1000			2800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, ICT FSS

<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>
AWOS-3	K88	24	K88	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>
ASOS	CNU	24	CNU	12.93	Y	35

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KK88 1016, KCNU 979
RA = 34.4.

<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>	
RW01 - HIRL (PCL), PAPI-4L (PCL)	NPI-G		
RW19 - HIRL (PCL), PAPI-4L (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>	<u>TCH</u>
					3.00	51.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	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

FINAL TYPE	LNAV
34:1	
1054 TREE (20-039428) 375246.0300N/0952304.9100W (3.68)	1051 TREE (20-039429) 375246.0300N/0952304.5200W (0.47)
1052 TREE (20-039403) 375246.3000N/0952303.3100W (0.03)	

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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' VEGETATION PER FPT.
FEEDERS DEVELOPED IN LIEU OF TAA'S PER FPT.
LPV AND LNAV/VNAV NOT DEVELOPED PER FPT.
WAGEP AND YACUC 210K SPEED RESTRICTION TO MEET LEG LENGTH TO SUPPORT ATC VECTORS.
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	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	193.41
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	10.25
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	193.47
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1200

THRESHOLD COORDINATES (IF STR-IN)	375232.04N/0952305.09W
ARP COORDINATES	375205.60N/0952313.00W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 1 DISTANCE 0.45 NM
FAF COORDINATES	375713.25N/0952140.48W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
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