

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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</u>		<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
CORTLAND COUNTY-CHASE FIELD		N03	VOR-A	ORIG	CORTLAND	NY
<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SUPERSEDED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>
1197			NONE		10W	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
CFB	420926.97N / 0760811.30W		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>
CFB VOR/DME	IAF	JISAT/12.18 DME					002.00	12.18	3800
JISAT/12.18 DME	IF	IILEN/22.00 DME					002.00	9.82 (CFB R-002)	3800

MISSED APPROACH

MAP:

FOLTU/26.16 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON CFB VOR/DME R-002 WOVOS/36.16 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT CFB VOR/DME
3. **FAC:** 002.00 **FAF:** IILEN/22.00 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:** CFB VOR/DME 3800, JISAT/12.18 DME 3800, IILEN/22.00 DME 3800
8. **MSA FROM:** CFB VOR/DME 180-270 3200, 270-180 3600 (27NM)

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CFB VOR/DME AIRWAY RADIALS 310 CW 015.



ADDITIONAL FLIGHT DATA:

FAC CROSSES 218R OF RWY 6 THR
CHART CIRCLING ICON.
FAS OBST: 2120 AAO 423232N/0761026W.
HOLD S, RT, 002.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1200-2, CAT C 1200-3; 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
CIRCLING	2380	1 1/4	1183	2380	1 1/2	1183	2380	3	1183		NA				

CHANGES - REASONS**COORDINATED WITH:**

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, ZNY, ELM APP CON, SYR APP CON, AMGR

FLIGHT CHECKED BY

DANIEL KIRBY

Digitally signed by

DAVID DANNER

Jun 24, 2020

OFFICE

FICO

DATE

6/10/2020

DEVELOPED BY

STEVEN DOUGHERTY

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DATE

01/17/2020

APPROVED BY

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Jun 24, 2020

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
24
CHECKED

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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CORTLAND COUNTY-CHASE FIELD	N03	VOR-A	ORIG	CORTLAND	NY	1197	CFB

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
CFB VOR/DME

TO
JISAT/12.18 DME

<u>RNP</u>	<u>DISTANCE</u> 12.18	<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.TOWER (36-000308)	422037.00N/0760704.00W	1978	50	20	2C	1000				AT822	3800
2.TERRAIN	421651.00N/0761257.00W	1722 (1700)								AS1500	3200

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
JISAT/12.18 DME

TO
IILEN/22.00 DME

<u>RNP</u>	<u>DISTANCE</u> 9.82	<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.AAO	422933.00N/0760824.00W	2366	164	98	4E	500				AT934	3800
4.TERRAIN	423003.00N/0760912.00W	2103 (2100)								AS1500	3600

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

FROM
IILEN/22.00 DME

TO
FOLTU/26.16 DME

RNP	DISTANCE	PAT	MAP FOLTU/26.16 DME	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	423231.83N/0761026.06W		2120	50	20	2C	250					2380

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM
FOLTU/26.16 DME

TO
WOVOS/36.16 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS 2130							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
6.AAO	424242.00N/0761327.00W		2162	164	98	4E	1000					3200
7.TERRAIN	424342.00N/0761327.00W		1961 (2000)								AS1500	3500

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
8.TREE (36-110304)	423422.82N/0761207.18W	1.31	1183	1621	20	10	1B	300		SI	2380
CATEGORY B											
9.TREE (36-109255)	423656.38N/0761430.58W	1.85	1183	1674	20	10	1B	300		SI	2380
CATEGORY C											
10.TREE (36-110206)	423253.30N/0761134.80W	2.92	1183	1927	20	10	1B	300		SI	2380

CIRCLING REMARKS:

MSA

CENTER
CFB VOR/DME

RADIUS
27

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
180-270	AAO	415930.00N/0760457.00W	174	10.3	2166	164	98	4E	1000			3200
270-180	TOWER (36-000357)	420323.00N/0755639.00W	135	10.5	2564	250	50	4D	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ELM APP CON, SYR APP CON, ZNY ARTCC

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KN03	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KN03	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KITH	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KITH	<u>DISTANCE</u> 12.3	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 43

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KN03 1197, KITH 1099
RA = 42.1

<u>PRIMARY NAVAID</u> CFB VOR/DME	<u>MONITOR POINT</u> AOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW06 - MIRL (PCL), PAPI-2L (PCL)	NPI-G	
RW24 - MIRL (PCL), REIL (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>	<u>TCH</u>
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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

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CORTLAND COUNTY-CHASE FIELD	N03	VOR-A	ORIG	CORTLAND	NY	1197	CFB
PART C: GENERAL REMARKS: VDP NOT PUBLISHABLE. FAC IS ALIGNED FOR CIRCLING ONLY PRECIPITOUS TERRAIN EVALUATION COMPLETED. VEGETATION HEIGHT: 100 FT. CHART NOTE: WHEN CORTLAND COUNTY-CHASE FIELD ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. MSA SECTOR RADIUS SET TO 27 NM - MATCH CANCELLED VOR OR GPS-A PER FPT. PUBLISH LESS THAN CIRCLING CAT D MINIMUMS - MATCH CANCELLED VOR OR GPS-A PER FPT. FAC CROSSES 218 FEET RIGHT OF RWY 6 THRESHOLD, MAP COORDINATES: 423521.92N/0761307.10W. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.							
QUALITY 24 CHECKED							

<u>AIRPORT</u> CORTLAND COUNTY-CHASE FIELD	<u>AIRPORT ID</u> N03	<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> ORIG	<u>CITY</u> CORTLAND	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 1197	<u>FACILITY</u> CFB
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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	MAP	TO 1000FT POINT	1.16
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	4.50
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	352.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1900
DISTANCE FROM	MAP	TO 1500FT POINT	3.36
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	4.28
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	352.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1900

THRESHOLD
COORDINATES
(IF STR-IN)

ARP COORDINATES423533.50N/0761253.60W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 24 DISTANCE 0.28 NM

FAF
COORDINATES

423114.52N/0761219.76W

FIX NAME
COORDINATES

MAP FOLTU: 423521.92N/0761307.10W

REMARKS

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<u>AIRPORT</u> CORTLAND COUNTY-CHASE FIELD	<u>AIRPORT ID</u> N03	<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> ORIG	<u>CITY</u> CORTLAND	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 1197	<u>FACILITY</u> CFB
PART E: PREPARED BY							
<u>NAME</u> STEVEN DOUGHERTY	<u>OFFICE</u> AJV-A421			<u>DATE</u> 01/17/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

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