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.

AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CORTLAND COUNTY-CHASE FIELD	N03	RNAV (GPS) RWY 6	1	CORTLAND	NY

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1197	1197	GPS RWY 6	ORIG	08/13/1998	13W	2000

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV		10 SEPTEMBER 2020	ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 329/30 CW 149/30	NOPT	329/8 CW 149/8		3800
2. 329/8 CW 149/8		TUTSY	IF/IAF	3700
3. 149/30 CW 239/30		PYPRR	IAF	3700
4. 239/30 CW 329/30		PIPEE	IAF	3800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PIPEE	IAF	TUTSY	NOPT	TF	FB	1.00	329.37	7.30	3700
PYPRR	IAF	TUTSY	NOPT	TF	FB	1.00	149.12	7.30	3700
TUTSY	IF/IAF	NEWON		TF	FB	1.00	059.19	6.00	3000
NEWON	FAF	RW06	MAP	TF	FO	0.30	059.26	5.53	
RW06	MAP	1597 MSL		CA			059.26		
1597 MSL		NORRI		DF	FO	1.00			3700

MISSED APPROACH

MAP:
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3700 DIRECT NORRI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 20 CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW TUTSY, RT, 059.19 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 059.26 FAF: NEWON DIST FAF TO MAP: 5.53 DIST FAF TO THLD: 5.53
4. MIN ALT: TUTSY 3700, NEWON 3000
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 CLEAR 20:1: IS CLEAR TCH:
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

NEWON TO RWY 6: 3.00/40
CHART CIRCLING ICON.
CHART VDP AT 1.46 NM TO RW06
CHART FAS OBST: 1602 TREE 423456N/0761447W.
HOLD NE, RT, 239.40 INBOUND

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

ALTERNATE: NA ☐ STANDARD - CAT C 1100-3, 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
LNAV MDA	1860	1	663	1860	1	663	1860	1 7/8	663		NA				
CIRCLING	1940	1	743	1980	1	783	2240	3	1043		NA				

QUALITY 20 CHECKED

CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM GPS RWY 6 TO RNAV (GPS) RWY 6 - AIRPORT REQUEST.
2. REDESIGNED APPROACH TO INCLUDE RNAV STANDARD T-DESIGN AND ADDED TAA - AIRPORT REQUEST.
3. REMOVED CFB IAF AND ASSOCIATED INITIAL APPROACH SEGMENT - PROCEDURE REDESIGNED WITH STANDARD T-DESIGN WITH TAA.
4. REMOVED ITH IAF AND ASSOCIATED INITIAL APPROACH SEGMENT - NAVAID DECOMMISSIONED (VORMON).
5. ADDED FIX PYPRR AS LEFT BASE IAF AND ADDED MINIMUM 3700 MSL ALTITUDE - PROCEDURE REDESIGN AND MINIMUM OBSTACLE ALTITUDE FOR TAA LEFT BASE.
6. ADDED FIX PIPEE AS RIGHT BASE IAF AND ADDED MINIMUM 3800 MSL ALTITUDE - PROCEDURE REDESIGN AND MINIMUM OBSTACLE ALTITUDE FOR TAA RIGHT BASE.
7. REPLACED IF OUNTY WITH IF/IAF TUTSY AND CHANGED LOCATION OF INTERMEDIATE FIX FROM 422826.99N/0762256.38W TO 422723.23N/0762426.20W - INTERMEDIATE SEGMENT LENGTH INCREASED FROM 5 NM TO 7.39 NM.
8. CHANGED INTERMEDIATE COURSE FROM 059.21 TO 059.19 - PROCEDURE REDESIGN.
9. RAISED ALTITUDE AT INTERMEDIATE FIX FROM 3600 MSL TO 3700 MSL - MATCHED MINIMUM OBSTACLE ALTITUDE FOR TAA STRAIGHT-IN STEP-DOWN AREA.
10. ADDED HOLD-IN-LIEU OF PROCEDURE TURN AT 3700 MSL ALTITUDE AT IF/IAF - PROCEDURE REDESIGN AND MATCH REQUIRED IF/IAF ALTITUDE.
11. CHANGED LOCATION OF FINAL APPROACH FIX FROM 423154.56N/0761803.47W TO 423132.36N/0761834.83W - FINAL APPROACH SEGMENT LENGTH INCREASED FROM 5 NM TO 5.53 NM.
12. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3600 DIRECT UDDEL WP AND HOLD" TO "CLIMB TO 3700 DIRECT NORRI AND HOLD" - PROCEDURE REDESIGN.
13. CHANGED LINE 2 FROM “PROFILE STARTS AT OUNTY WP” TO “HOLD SW TUTSY, RT, 059.19 INBOUND, 3700 FT. IN LIEU OF PT (IF/IAF), MAX 6000” - PROCEDURE REDESIGN.
14. CHANGED LINE 3 FAC 059.27 TO 059.26 - IAW 8260.19H, PARA 8-6-7.C.(1).
15. CHANGED LINE 3 FAF FROM NEWON WP TO NEWON - IAW 8260.19H, PARA 8-6-7.C.(2).
16. ADDED LINE 3 DIST FAF TO MAP 5.53 - IAW 8260.19H, PARA 8-6-7.C.(3).
17. CHANGED LINE 3 DIST FAF TO THLD FROM 5.00 TO 5.53 - IAW 8260.19H, PARA 8-6-7.C.(4).
18. CHANGED LINE 4 MIN ALT FROM “OUNTY WP 3600, NEWON WP 3000” TO “TUTSY 3700, NEWON 3000” - IAW 8260.19H, PARA 8-6-7.D.
19. ADDED LINE 7 34:1 IS NOT CLEAR - IAW 8260.19H, PARA 8-6-7.G.
20. ADDED LINE 7 20:1 IS CLEAR - IAW 8260.19H, PARA 8-6-7.G.
21. ADDED CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - INCORPORATED T-NOTAM 9/6265.
22. ADDED CHART PROFILE NOTE: VGSI AND DESCENT GRADIENT ANGLES NOT COINCIDENT (VSGI ANGLE {ANGLE}/TCH {FEET}) - VGSI 4.00 DEGREES AND DESCENT GRADIENT 3.00 DEGREES IAW 8260.19H, PARA 8-6-9.M.(2).
23. ADDED PBN REQUIREMENTS NOTE RNP APCH - IAW 8260.19H, PARA. 8-6-8.B.
24. ADDED TO ADDITIONAL FLIGHT DATA “NEWON TO RWY 6: 3.00/40” - IAW 8260.19H, PARA. 8-6-10.P.
25. ADDED NOTE “CHART CIRCLING ICON” TO ADDITIONAL FLIGHT DATA - IAW FAAO 8260.19H, PARA. 8-6-10.T.
26. ADDED TO ADDITIONAL FLIGHT DATA CHART VDP AT 1.46 NM TO RW06 - IAW 8260.19H, PARA. 8-6-10.N.
27. CHANGED ADDITIONAL FLIGHT DATA NOTE “FAS OBSTACLE: 1639 TREES 423457N/0761447W” TO “CHART FAS OBST: 1602 TREE 423456N/0761447W” - IAW 8260.19H, PARA 8-6-10.C.
28. ADDED ADDITIONAL FLIGHT DATA NOTE “HOLD NE, RT, 239.40 INBOUND” - IAW 8260.19H, PARA 8-6-10.B.
29. ADDED ALTERNATE MINS “STANDARD - CAT C 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.” - PROCEDURE REDESIGN.
30. CHANGED S-6 ALL CATS FROM 702 HAT/1900 MDA TO 663 HAT/1860 MDA AND S-6 CAT C VISIBILITY FROM 2 SM TO 1 7/8 SM - CURRENT OBSTACLES.
31. CHANGED CIRCLING MINS CAT B FROM 742 HAA/1940 MDA TO 783 HAA/1980 MDA, CAT C FROM 782 HAA/1980 MDA TO 1043 HAA/2240 MDA, CIRCLING VIS CAT B FROM 1 1/4 SM TO 1 SM, AND CIRCLING VIS CAT C FROM 2 1/4 SM TO 3 SM - APPLIED NEW CIRCLING CRITERIA AND CURRENT OBSTACLES.

COORDINATED WITH:

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

FLIGHT CHECKED BY		OFFICE	DATE
DANIEL KIRBY	*Digitally signed by* ***DAVID DANNER*** Jun 24, 2020	FICO	6/17/2020

DEVELOPED BY		OFFICE	DATE
DAVID DANNER (DALE SICKELS)	*Digitally signed by* ***DAVID DANNER*** Jun 24, 2020	AJV-A421	12/23/2019

APPROVED BY		OFFICE	DATE	TITLE
MARLON ROBINSON	*Digitally signed by* ***DAVID DANNER*** Jun 24, 2020	AJV-A420		MANAGER

QUALITY 20 CHECKED