

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</u> JOSEPH Y RESNICK	<u>AIRPORT ID</u> N89	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> ELLENVILLE	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 292	<u>TDZE</u> 290	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 14W	<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>		

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>
IGN VOR/DME	IAF	STELR		TF	FB	1.00	319.19	21.78	3300
TALCO	IAF	ECZID		TF	FB	1.00	217.87	4.37	4300
ECZID		STELR		TF	FB	1.00	217.84	8.00	3300
STELR	IF	MAILS		TF	FB	1.00	238.24	6.00	2200
MAILS	FAF	YARNN	MAP	TF	FO	0.30	227.17	4.51	
YARNN	MAP	692 MSL		CA			227.17		
692 MSL		LOBOS		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LNAV: YARNN

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4000 DIRECT LOBOS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT STELR

3. FAC: 227.17

FAF: MAILS

DIST FAF TO MAP: 4.51

DIST FAF TO THLD: 5.00

4. MIN ALT: STELR 3300, MAILS 2200

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 NOT CLEAR

TCH:

8. MSA FROM: YARNN 5400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA SE OF RWY 4-22.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE NEW YORK STEWART INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE POUGHKEEPSIE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT TALCO ON V213 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IGN VOR/DME AIRWAY RADIALS 282 CW 013.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART NEW YORK STEWART INTL ATIS.
PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
CHART CIRCLING ICON.
CHART FAS OBST: 1520 TREE 414315N/0742136W.
HOLD SW, RT, 058.91 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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	1820	1 1/4	1530	1820	1 1/2	1530		NA			NA				
CIRCLING	1820	1 1/4	1528	1820	1 1/2	1528		NA			NA				

CHANGES - REASONS

1. ADDED CLEARANCE ALTITUDE OF 4000 ON THE 692 MSL TO LOBOS SEGMENT - TO MATCH MAP INSTRUCTIONS/TO CLEAR 4/25 PUB DAY T-NOTAM.



COORDINATED WITH:

A4A ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, NY TRACON, EST FPT, APT MGR.

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE *Digitally signed by* **DATE**

WARDELL HENNING

May 29, 2019

DEVELOPED BY

WARDELL HENNING (THERON CYRUS)

Digitally signed by

WARDELL HENNING

May 29, 2019

OFFICE

AJV-A432

DATE

04/18/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

May 29, 2019

OFFICE

AJV-A430

DATE

TITLE

MANAGER



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

<u>AIRPORT</u> JOSEPH Y RESNICK	<u>AIRPORT ID</u> N89	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> ELLENVILLE	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 292	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
IGN VOR/DME

TO
STELR

RNP DISTANCE PAT MAP HAT HMAS
 21.78

<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 (36-000979)	414307.49N/0735945.41W	1999	20	3	1A	1000				AT301	3300
2.TERRAIN	414706.00N/0740733.00W	1280 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
TALCO

TO
ECZID

RNP DISTANCE PAT MAP HAT HMAS
 4.37

<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>
3.AAO	420448.00N/0740618.00W	2976	50	20	2C	1000				PR240	4300
4.TERRAIN	420448.00N/0740618.00W	2776 (2800)								AS1500	4300

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM

ECZID

TO

STELR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	8.00										
<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>
5.AAO	420009.00N/0741127.00W	2153	50	20	2C	1000				PR120	3300
6.TERRAIN	420009.00N/0741127.00W	1952 (2000)				1000					3000

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

STELR

TO

MAILS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	6.00										
<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>
7.AAO	415039.00N/0741827.00W	1368	50	20	2C	500					1900
8.TERRAIN	415039.00N/0741827.00W	1168 (1200)								AS1000	2200

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: LNAV

FROM

MAILS

TO

YARNN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
	4.51		YARNN	1530							
<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>
9.TREE	414315.00N/0742136.00W	1520	50	20	2C	250				RA70 MA285 PR120 SA-435	1820

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

YARNN

TO

LOBOS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 1530				
<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>
9.TREE	414315.00N/0742136.00W	1520	50	20	2C		ASC				4000
10.TREE	414000.00N/0742348.00W	2074	50	20	2C	1000					3100
11.TERRAIN	414000.00N/0742348.00W	1874 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FACILITY
RNAV

<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											
12.TREE	413454.00N/0742406.00W	1.30	1528	1101	50	20	2C	300		SI	1820
CATEGORY B											
13.TREE	414427.00N/0742454.00W	1.83	1528	1321	50	20	2C	300		SI	1820

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	AAO	415957.00N/0742312.00W	011	15.6	4321	50	20	2C	1000			5400

NO VGSI DATA AVAILABLE FOR RWY 22.

QUALITY
10
CHECKED

COMPUTED DESCENT ANGLE 3.52/45 TCH, FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.



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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	4.51
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	213.17
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1168
DISTANCE FROM	FAF	TO 1500FT POINT	3.80
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	224.24
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1168

THRESHOLD COORDINATES (IF STR-IN)

414357.38N/0742224.90W

ARP COORDINATES

414340.34N/0742238.55W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 22 DISTANCE 0.38 NM

FAF COORDINATES

414808.67N/0741845.67W

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 300FT, ACTUAL COORDINATES: 414359.86N/0742222.74W.

QUALITY
10
CHECKED

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PART E: PREPARED BY

<u>NAME</u> WARDELL HENNING (THERON CYRUS)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 04/18/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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QUALITY
10
CHECKED

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