

**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> KSWF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> NEW YORK	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 491	<u>TDZE</u> 462	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 DECEMBER 2021	<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>
CRANK		HELEP		TF	FB	1.00	132.17	17.56	3900
SAX VORTAC		HELEP		TF	FB	1.00	074.32	25.60	3000
HELEP	IAF	MEPTE		TF	FB	1.00	073.40	5.00	3000
MEPTE	IF	FILGA		TF	FB	1.00	343.46	6.10	2500
FILGA	FAF	QADED/3.80 NM TO RW34		TF	FB	0.30	343.42	2.41	
QADED/3.80 NM TO RW34		RW34	MAP	TF	FO	0.30	343.42	3.80	
RW34	MAP	891 MSL		CA			343.42		
891 MSL		FINPI		DF	FO	1.00			3900

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3900 DIRECT FINPI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT MEPTE

3. FAF: 343.42FAF: FILGADIST FAF TO MAP: 6.21DIST FAF TO THLD: 6.21

4. MIN ALT: MEPTE 3000, FILGA 2500, QADED/3.80 NM TO RW34 1700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:275 HAT: 0.78GS ANT:

6. MIN GP INCPT: 2500GP ALT AT FAF : FILGA 2500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 50.0

8. MSA FROM: RW34 4400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRANK ON V374 NORTHWEST BOUND AND ON SAX VORTAC AIRWAY RADIALS 060 CW 093.
CHART NOTE: PROCEDURE NA WHEN RESTRICTED AREA R-5206 IS ACTIVE.

ADDITIONAL FLIGHT DATA:

CHART R-5206.
HOLD N, RT, 163.26 INBOUND.
CHART FAS OBST: 648 TOWER (36-020793) 412741N/0740427W.
1602 AAO 412429N/0740117W.
CHART VDP AT 1.67 NM TO RW34.
WAAS CHANNEL # 90217
REFERENCE PATH ID: W34A
CHART CIRCLING ICON.
LTP HAE: 101.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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
LPV DA	900	1 1/4	438	900	1 1/4	438	900	1 1/4	438	900	1 1/4	438			
LNAV MDA	1020	1	558	1020	1	558	1020	1 5/8	558	1020	1 5/8	558			
CIRCLING	1200	1	709	1200	1	709	1200	2	709	1200	2 1/4	709			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDTS 1B, 1C & 1D INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
2. AMENDED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS". - IAW 8260.19I PARA 8-6-8.B (2).
3. ADDED NOTE "CHART NOTE: PROCEDURE NA WHEN RESTRICTED AREA R-5206 IS ACTIVE." - PER FPT REQUEST.
4. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART R-5206." - PER FPT REQUEST.
5. REMOVED NOTE "*LNAV ONLY" - IAW 8260.19I 8-6-7.D.
6. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10.S.
7. REMOVED 34:1 IS NOT CLEAR - NEW OBSTACLE DATA AVAILABLE.
8. ADDED VDP - 20:1 OBSTACLES REMOVED.
9. REMOVED NOTE "RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 34:1 IS CLEAR, NEW OBSTACLE DATA AVAILABLE.
10. AMENDED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST: 599 TREES 412747N/0740433W" TO "CHART FAS OBST: 648 TOWER (36-020793) 412741N/0740427W." - 8260.19I, 8-6-10.C, NEW OBSTACLE DATA AVAILABLE.
11. ADDED ADDITIONAL FLIGHT DATA NOTE "1602 AAO 412429N/0740117W." - 8260.19I, 8-6-10.C, NEW OBSTACLE DATA AVAILABLE.
12. AMENDED LNAV CAT C VISIBILITY FROM "1 1/2" TO "1 5/8" & CAT D VISIBILITY FROM "1 3/4" TO "1 5/8" - UPDATED VISCHECK
13. AMENDED CRC REMAINDER FROM "F6B06ECA" TO "7AB81226" - LTP/FPAP COORDINATES UPDATED; AND LTP/FPAP ELLIPSOIDAL AND ORTHOMETRIC HEIGHTS UPDATED.
14. RAISED CA ALTITUDE FROM 737 MSL TO 891 MSL - NEW LPV DA CAUSED NEW COMPUTATION OF CA ALTITUDE.
15. RAISE LPV DA/HAT FROM 737/275 TO 900/438 ALL CATS AND VISIBILITY FROM 1 TO 1 1/4 - NEW CONTROLLING OBSTACLE.

09/01/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/18/21.

1. REMOVED TECHNICAL SUPPORT GROUP (AJF-17) 07/07/21 MEMO - FLIGHT INSPECTION IS REQUIRED/NOT DEFERRED.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, N90, SWF ATCT, AMGR

FLIGHT CHECKED BY

STEPHEN BAUER

Digitally signed by
JASON KRETSCHMER

OFFICE

FPO

DATE

11/01/2021

Digitally signed by

Nov 03, 2021

DEVELOPED BY

JASON KRETSCHMER (CURTIS MALONE)

JASON KRETSCHMER

Sep 01, 2021

OFFICE

AJV-A421

DATE

06/18/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Sep 01, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSWF
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	412949.2055N
LTP/FTP LONGITUDE	0740524.8350W
LTP/FTP ELLIPSOIDAL HEIGHT	+01015
FPAP LATITUDE	413105.9165N
FPAP LONGITUDE	0740625.2470W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7AB81226

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01333
FPAP ORTHOMETRIC HEIGHT	+01333

