

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> KEFK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> NEWPORT	<u>STATE</u> VT		
<u>AIRPORT ELEVATION</u> 934	<u>TDZE</u> 934	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 17W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<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>
ANEES	IAF	LUNFI	NOPT	TF	FB	1.00	304.97	5.31	4400
PLOTT	IAF	LUNFI	NOPT	TF	FB	1.00	043.33	8.13	4400
LUNFI	IF/IAF	YISXI		TF	FB	1.00	356.60	3.55	4000
YISXI		AHTON		TF	FB	1.00	356.60	2.22	3300
AHTON	FAF	ROMUW/3.71 NM TO RW36		TF	FB	0.30	356.58	3.58	
ROMUW/3.71 NM TO RW36		RW36	MAP	TF	FO	0.30	356.58	3.71	
RW36	MAP	2300 MSL		CA			356.58		2300
2300 MSL		LUNFI		DF	FO	1.00			4400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 4400 DIRECT LUNFI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S LUNFI, RT, 356.60 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 356.58 FAF: AHTON DIST FAF TO MAP: 7.29 DIST FAF TO THLD: 7.29

4. MIN ALT: LUNFI 4400, YISXI 4000, AHTON 3300, ROMUW/3.71 NM TO RW36 2160

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 251 HAT: 0.65 GS ANT:

6. MIN GP INCPT: 3300 GP ALT AT PFAF : AHTON 3300 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 43.8

8. MSA FROM: RW36 5000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 5 AND 23 NA AT NIGHT.
CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1500 AAO 445003N/0721036W.
2420 AAO 444622N/0720831W, 1380 AAO 444921N/0721043W.
CHART VDP AT 1.69 NM TO RW36.
WAAS CHANNEL # 82737
REFERENCE PATH ID: W36A
CHART CIRCLING ICON.
LTP HAE: 256.9 M

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
LPV DA	1185	3/4	251	1185	3/4	251	1185	3/4	251		NA				
LNAV/VNAV DA	1467	1 1/2	533	1467	1 1/2	533	1467	1 1/2	533		NA				
LNAV MDA	1520	1	586	1520	1	586	1520	1 3/4	586		NA				
CIRCLING	1520	1	586	1600	1	666	1980	3	1046		NA				

CHANGES - REASONS

- REMOVED LP LINE OF MINIMA, ADDED LPV AND LNAV/VNAV LINES OF MINIMA - FPT REQUEST AND AIRPORT ADDED A VG SURVEY DATED 10/15/2019.
- LNAV MDA/HAA RAISED FROM "1420/486" TO "1520/586" - UPDATED AIRPORT SURVEY AND EVALUATION.
- LNAV CAT C VISIBILITY CHANGED FROM "1 3/8" TO "1 3/4" - 8260.3E CALCULATIONS.
- CIRCLING CAT A MDA/HAA RAISED FROM "1440/506" TO 1520/586" - MATCH LNAV MDA/HAA.
- TERMINAL ROUTES ANEES TO LUNFI COURSE/DISTANCE/ALTITUDE CHANGED FROM "312.68/6.00/4800" TO "304.97/5.31/4400" - FIX LUNFI MOVED 6228 FEET SOUTH EAST.
- TERMINAL ROUTES PLOTT TO LUNFI COURSE/DISTANCE/ALTITUDE CHANGED FROM "038.49/8.86/4800" TO "043.33/8.13/4400" - FIX LUNFI MOVED 6228 FEET SOUTH EAST.
- TERMINAL ROUTES LUNFI TO YISXI COURSE/DISTANCE CHANGED FROM "356.58/2.53" TO "356.60/3.55" - FIX LUNFI MOVED 6228 FEET SOUTH EAST.
- TERMINAL ROUTES YISXI TO AHTON COURSE/DISTANCE/ALTITUDE CHANGED FROM "356.59/2.53/3200" TO "356.60/2.22/3300" - FIX AHTON MOVED 1837 FEET SOUTH EAST.
- TERMINAL ROUTES AHTON TO ROMUW/3.10 NM TO RW36 CHANGED TO "AHTON TO ROMUW/3.71 NM TO RW36" AND COURSE/DISTANCE CHANGED FROM "356.59/3.89" TO "356.58/3.58" - FIX AHTON MOVED 1837 FEET SOUTH EAST, FIX ROMUW MOVED 3745 FEET SOUTH EAST.
- TERMINAL ROUTES ROMUW/3.10 NM TO RW36 CHANGED TO "ROMUW/3.71 NM TO RW36" AND COURSE/DISTANCE CHANGED FROM "356.59/3.10" TO "356.58/3.71" - FIX ROMUW MOVED 3745 FEET SOUTH EAST.
- MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 4800 DIRECT LUNFI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800." TO "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 4400 DIRECT LUNFI AND HOLD." - ATC REQUEST FOR LOWER HOLDING ALTITUDE AND NEW EVALUATION INDICATED NO CLIMB-IN-HOLD REQUIRED.
- HOLD IN LIEU MIN ALTITUDE CHANGED FROM "4800" TO "4400" - ATC REQUEST.
- PROFILE LINE 3: FAC CHANGED FROM "356.59" TO "356.58", DIST FAF TO MAP/THLD CHANGED FROM "6.99" TO "7.29" - FAF AHTON MOVED FOR ALIGNMENT AT 3300 AND NEW EVALUATION.
- PROFILE LINE 6: ADDED "3300" TO MIN GP INCPNT AND "AHTON 3300" TO GP ALT AT PFAF - 8260.19I.
- PROFILE LINE 7: ADDED "3.00" TO GP ANGLE, CHANGED 20:1 TO "IS CLEAR", ADDED "43.8" TO TCH - NEW AIRPORT SURVEY AND 8260.19I.
- CHANGED PBN REQUIREMENTS NOTE FROM "CHART : RNP APCH." TO "RNP APCH - GPS." - 8260.19I.
- ADDED "CHART NOTE: CIRCLING TO RWYS 5 AND 23 NA AT NIGHT." TO NOTES - NEW VG SURVEY FOUND 20:1 PENETRATORS TO RWYS 5/23.
- REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PLOTT ON V447 SOUTHWEST BOUND." FROM NOTES - AIRWAY V447 CANCELLED, FIX PLOTT STILL ON AIRWAY CHART FOR ATC NAVIGATION.
- REMOVED "CHART NOTE: PROCEDURE NA AT NIGHT" FROM NOTES - NOTE WAS BASED ON LACK OF VG SURVEY AND ASSUMED 20:1 PENETRATORS.
- ADDED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." TO NOTES - 8260.19I.
- CHANGED ADDITIONAL FLIGHT DATA, 7:1 OBSTACLES FROM "2425 AAO 444624N/0720830W, 2051 AAO 444634N/0720849W, 1500 AAO 445003N/0721036W." TO "2420 AAO 444622N/0720831W, 1380 AAO 444921N/0721043W." - UPDATED EVALUATION.
- ADDED "CHART VDP AT 1.69 NM TO RW36." TO ADDITIONAL FLIGHT DATA - NEW AIRPORT VG SURVEY SHOWS 20:1 SURFACE CLEAR.
- REMOVED "CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES" FROM ADDITIONAL FLIGHT DATA - 8260.19I.
- CRC REMAINDER CHANGED FROM "F54B7F16" TO "9268C6F0" - LTP LATITUDE/LONGITUDE CHANGED FROM "445249.3835N/0721323.6365W" TO "445412.8380N/0721407.4490W", THRESHOLD CROSSING HEIGHT CHANGED FROM "0.0" TO 00043.8", GLIDEPATH ANGLE CHANGED FROM "0.00" TO "03.00", VERTICAL ALERT LIMIT CHANGED FROM "0.0" TO "50.0".

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTS

Digitally signed by
JASON KRETSCHMER
Mar 21, 2023

OFFICE

FPO

DATE

03/17/2023

DEVELOPED BY

CHARLES THIBODEAUX

Digitally signed by
CHARLES J THIBODEAUX

OFFICE

AJV-A421

DATE

12/02/2022

APPROVED BY

JASON KRETSCHMER

Jan 18, 2023
Digitally signed by
JASON KRETSCHMER
Jan 20, 2023

OFFICE

AJV-A421

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEFK
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	445249.3670N
LTP/FTP LONGITUDE	0721323.6340W
LTP/FTP ELLIPSOIDAL HEIGHT	+02569
FPAP LATITUDE	445412.8380N
FPAP LONGITUDE	0721407.4490W
THRESHOLD CROSSING HEIGHT (TCH)	00043.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9268C6F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02847
FPAP ORTHOMETRIC HEIGHT	+02847

