

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> FOK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> WESTHAMPTON BEACH	<u>STATE</u> NY
<u>AIRPORT ELEVATION</u> 66	<u>TDZE</u> 58	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u> 13W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1980
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SAVYR	IAF	TROYJ		TF	FB	1.00	055.54	6.20	2000
FALTA	IAF	TROYJ		TF	FB	1.00	235.66	6.20	2000
TROYJ	IF	JULYT		TF	FB	1.00	325.60	4.90	1600
JULYT	FAF	RW33	MAP	TF	FO	0.30	325.55	4.69	
RW33	MAP	500 MSL		CA			325.55		500
500 MSL		CCC VOR/DME		DF	FO	1.00			2000

MISSED APPROACH

MAP:
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 DIRECT CCC VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
2. PROFILE STARTS AT TROYJ
3. FAC: 325.55
- FAF: JULYT
- DIST FAF TO MAP: 4.69
- DIST FAF TO THLD: 4.69
4. MIN ALT: TROYJ 2000, JULYT 1600
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: RW33 1900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HWV ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
CHART NOTE: CIRCLING RWY 15, 19 NA AT NIGHT.
CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: VDP NA WHEN USING HWV ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 265.50 INBOUND.
FAS OBST: 200 AAO 404751N/0723406W.
CHART W-106A, W-106B.
CHART VDP AT 1.11 NM TO RW33.
JULYT TO RW33: 3.00/57.3.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	460	1	402	460	1	402	460	1 1/8	402	460	1 1/8	402			
CIRCLING	600	1	534	620	1	554	700	1 3/4	634	740	2 1/4	674			

CHANGES - REASONS

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, NEW YORK APP CON, FOK ATCT

FLIGHT CHECKED BY

OFFICE DATE

DEVELOPED BY
RICHARD BRUCE

OFFICE DATE
AJV-A422 04/10/2025

APPROVED BY
BEV L BORDY

OFFICE DATE
AJV-A420

TITLE
MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
FOK	RNAV (GPS) RWY 33	ORIG	WESTHAMPTON BEACH	NY	66	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
SAVYR

TO
TROYJ

RNP
1.00

DISTANCE
6.20

PAT

MAP

HAT

HMAS

<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>
SHIP	404309.67N/0722737.88W	200	50	20	2C	1000				AT800	2000
TERRAIN	404129.88N/0723102.04W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
FALTA

TO
TROYJ

RNP
1.00

DISTANCE
6.20

PAT

MAP

HAT

HMAS

<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>
SHIP	404309.67N/0722737.88W	200	50	20	2C	1000				AT800	2000
TERRAIN	404603.87N/0722530.82W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM

TROYJ

TO

JULYT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	4.90										
<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>
SHIP	404620.74N/0723155.89W	200	50	20	2C	500				AT900	1600
TERRAIN	404526.45N/0723038.91W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

JULYT

TO

RW33

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.69		RW33		402						
<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>
AAO	404751.00N/0723406.00W	200	215	8	4B	250					460

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW33

TO

CCC VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 360			
<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>
							ASC				2000
TOWER (36-000276)	405307.76N/0724131.77W	435	20	3	1A	1000					1500
TERRAIN	405242.00N/0724333.00W	298 (300)								AS1500	1800

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											
TRANSMISSION_LINE (36-024142)	405229.26N/0723626.92W	1.30	534	288	20	3	1A	300			600
CATEGORY B											
TRANSMISSION_LINE (36-024143)	405230.39N/0723614.48W	1.81	554	301	20	3	1A	300			620
CATEGORY C											
TOWER (36-001170)	405210.35N/0723435.33W	2.84	634	350	500	50	5D	300		AC50	700
CATEGORY D											
TOWER (36-000276)	405307.76N/0724131.77W	3.71	674	435	20	3	1A	300			740

CIRCLING REMARKS:

MSA

CENTER

RW33

RADIUS

25

QUALITY
10
CHECKED

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (36-001107)	405323.02N/0725711.22W	295	15.2	822	250	50	4D	1000			1900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, NEW YORK APP CON, FOK TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	FOK	24	FOK	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	HWV	24	HWV	10.76	Y	30

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME.
FOK 66, HWV 102.
RA = 30.0.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW01		BSC-G	
RW19		BSC-G	
RW15 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-G	
RW33 - REIL (PCL), MIRL (PCL), VASI-4L (PCL)		NPI-G	
RW06 - REIL (PCL), HIRL (PCL), PAPI-2L (PCL)		PIR-G	
RW24 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-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>
					3.00	57.3

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	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

FINAL TYPE	CIRCLING RWY 15:
20:1	

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
FOK	RNAV (GPS) RWY 33	ORIG	WESTHAMPTON BEACH	NY	66	RNAV
107 TREE (36-172233) 405058.62N/0723830.91W (0.64)			104 TREE (36-024166) 405058.71N/0723829.94W (0.08)			
FINAL TYPE	CIRCLING RWY 19:					
20:1						
65 TERRAIN (36-090196) 405057.15N/0723815.89W (0.21)						
FINAL TYPE	LNAV:					
34:1						
81 TREE (36-089982) 405007.65N/0723726.07W (6.73)			78 TREE (36-172199) 405011.35N/0723721.34W (3.29)			
79 TREE (36-172820) 405010.47N/0723720.66W (1.39)			78 TREE (36-172386) 405006.74N/0723725.42W (0.82)			
75 TREE (36-172602) 405010.20N/0723723.02W (0.78)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT: 60 FT, PER FPT.

SHIP HEIGHT: 200 FT, PER FPT.

LPV AND LNAV/VNAV NOT DEVELOPED, PER FPT.

20:1 PENETRATION - DISREGARDED - RWY 24:

- 36-172057 (TERRAIN, 68 MSL, 1A, 405117.54N/0723659.43W) PENETRATES 20:1 SURFACE BY 1.42 FT.
- THIS IS A GROUND POINT RIGHT NEXT TO THE FIRST LIGHT BAR OF THE RWY 24 MALSR ALS.
- CONSIDERED ASSOCIATED WITH THE ALS AND DISREGARDED - 8260.3F, PARA 3-3-2.C.(5).

LEGACY SURVEYS FOR ALL RUNWAYS ARE CONSIDERED EQUIVALENT TO CURRENT SURVEYS AND WERE APPLIED IN PROCEDURE EVALUATION - MEMO, "RUNWAY OBSTACLE IDENTIFICATION SURFACE SURVEY EQUIVALENTS AND APPLICATION".

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	THLD	TO 1000FT POINT	2.69
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	312.55
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.49
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	312.55
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	405016.42N/0723734.72W
ARP COORDINATES	405037.03N/0723754.52W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 24 DISTANCE 0.94 NM
FAF COORDINATES	404705.95N/0723301.41W
FIX NAME COORDINATES	IF TROYJ 404346.91N/0722816.52W

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RICHARD BRUCE	AJV-A422	04/10/2025	AERONAUTICAL INFORMATION SPECIALIST

