

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> OFK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> NORFOLK	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 1573	<u>TDZE</u> 1545	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 09/10/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5E
				<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HARDS		REDII		TF	FB	1.00	186.78	21.53	3900
REDII	IAF	AZATY	NOPT	TF	FB	1.00	104.35	7.50	3900
YANKK	IAF	AZATY	NOPT	TF	FB	1.00	284.46	7.50	3900
AZATY	IF/IAF	EJEHO		TF	FB	1.00	194.45	5.94	3400
EJEHO	FAF	RW20	MAP	TF	FO	0.30	194.44	5.74	
RW20	MAP	1795 MSL		CA			194.44		
1795 MSL		AWNUL		DF	FO	1.00			3900

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3900 DIRECT AWNUL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N AZATY, RT, 194.45 INBOUND, 3900 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 194.44

FAF: EJEHO

DIST FAF TO MAP: 5.74

DIST FAF TO THLD: 5.74
4. MIN ALT: AZATY 3900, EJEHO 3400
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.70

GS ANT:
6. MIN GP INCPT: 3400

GP ALT AT PFAF: EJEHO 3400

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 39.7
8. MSA FROM: RW20 3900

QUALITY  
12  
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 014.34 INBOUND.  
FAS OBST: 1819 AAO 420312N/0972316W.  
CHART VDP AT 1.59 NM TO RW20.  
WAAS CHANNEL # 56220  
REFERENCE PATH ID: W20A  
CHART CIRCLING ICON.  
LTP HAE: 442.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD; STANDARD - CAT D 800-2 1/2, 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	1795	1	250	1795	1	250	1795	1	250	1795	1	250			
LNAV/VNAV DA	1799	1	254	1799	1	254	1799	1	254	1799	1	254			
LNAV MDA	2080	1	535	2080	1	535	2080	1 1/2	535	2080	1 1/2	535			
CIRCLING	2080	1	507	2100	1	527	2260	2	687	2360	2 1/2	787			

CHANGES - REASONS

1. CHANGED PBN REQUIREMENTS FROM "RNP APCH" TO RNP APCH – GPS" - IAW 8260.19I, 8-6-8.A(5)(B)(2).
2. DELETED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HARDS VIA V81 NORTHBOUND– V81 NO LONGER PUBLISHED.
3. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.70 NM" – PER CURRENT CRITERIA NOW DOCUMENTED ON PROFILE LINE 5.
4. ADDITIONAL FLIGHT DATA: REMOVED "" FROM "CHART VDP AT 1.59 NM TO RW20", DELETED "LNAV ONLY" – NO LONGER REQUIRED PER CURRENT CRITERIA.
5. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM 442.3 M TO 442.2 M – CURRENT AIRNAV DATA INCORPORATED.
6. FAS DATA: UPDATED LTP/FTP LATITUDE/LONGITUDE FROM "415930.6560N/0972550.8075W" TO "415930.6565N/0972550.8070W", ELLIPSOIDAL HEIGHT FROM "+04423" TO "+04422" AND CRC REMAINDER FROM "0BE82B92" TO "DAF2C267" - CURRENT AIRNAV DATA INCORPORATED.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZMP, AMGR.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2023

DATE

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2023

OFFICE

AJV-A432

DATE

07/03/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2023

OFFICE

AJV-A432

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOFK
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	415930.6565N
LTP/FTP LONGITUDE	0972550.8070W
LTP/FTP ELLIPSOIDAL HEIGHT	+04422
FPAP LATITUDE	415806.5815N
FPAP LONGITUDE	0972630.4975W
THRESHOLD CROSSING HEIGHT (TCH)	00039.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DAF2C267

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04670
FPAP ORTHOMETRIC HEIGHT	+04670

