

**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> CPK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> NORFOLK	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 19	<u>TDZE</u> 18	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 12/30/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 11W
				<u>EPOCH YEAR</u> 2010
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-24.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ECG VOR/DME		SARVY		TF	FB	1.00	320.52	15.13	2000
SARVY	IAF	NALDE	NOPT	TF	FB	1.00	347.85	6.00	2000
SUNNS	IAF	NALDE	NOPT	TF	FB	1.00	037.18	4.66	2000
DRONE	IAF	NALDE	NOPT	TF	FB	1.00	107.54	10.01	2000
NALDE	IF/IAF	TAVAE		TF	FB	0.50	047.82	6.05	1700
TAVAE	FAF	CEKAD/1.50 NM TO RW05		TF	FB	0.30	047.86	3.65	
CEKAD/1.50 NM TO RW05		RW05	MAP	TF	FO	0.30	047.86	1.50	
RW05	MAP	500 MSL		CA			047.86		500
500 MSL		NALDE		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2300 DIRECT NALDE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW NALDE, LT, 047.82 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 047.86	FAF: TAVAE		DIST FAF TO MAP: 5.15	DIST FAF TO THLD: 5.15	
4. MIN ALT: NALDE 2000, TAVAE 1700, CEKAD/1.50 NM TO RW05 520					
5. DIST TO THLD FROM OM: MM: IM:			150 HAT:	GS ANT:	
6. MIN GP INCPT: 1700	GP ALT AT PFAF: TAVAE 1700			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 42.6		
8. MSA FROM: RW05 4000					

QUALITY
18
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORF ALTIMETER SETTING AND INCREASE LPV DA TO 256 FEET; INCREASE LNAV/VNAV DA TO 329 FEET; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM
CHART NOTE: BARO-VNAV NA WHEN USING ORF ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM. 
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ECG VOR/DME AIRWAY RADIALS 250 CW 265.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 SOUTHWEST AND NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRONE ON V1 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 142 TREE (51-033309) 363836N/0762025W.
WAAS CHANNEL # 78222
REFERENCE PATH ID: W05A
LTP HAE: -32 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - 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	218	1/2	200	218	1/2	200	218	1/2	200	218	1/2	200			
LNAV/VNAV DA	291	1/2	273	291	1/2	273	291	1/2	273	291	1/2	273			
LNAV MDA	400	1/2	382	400	1/2	382	400	5/8	382	400	5/8	382			
CIRCLING	460	1	441	480	1	461	520	1 1/2	501	580	2	561			

CHANGES - REASONS

1. PROFILE LINE 4: CHANGED FROM "NALDE 2000, TAVAE 1700, CEKAD/1.50 NM TO RW05 520*" TO "NALDE 2000, TAVAE 1700, CEKAD/1.50 TO RW05 520" – IAW 8260.19J
2. PROFILE LINE 7: ADDED "20:1 IS CLEAR" – NO 20:1 PENETRATIONS.
3. MINIMUMS: LPV MDA CHANGED FROM "217" TO "218" – NEW TARGETS EVALUATION RESULTS.
4. MINIMUMS: LNAV VNAV MDA/HAA CHANGED FROM "277/260" TO "291/273" – NEW CONTROLLING OBSTACLE.
5. ADDITIONAL FLIGHT DATA: CHART FAS OBSTACLE REMOVED " CHART FAS OBST: 116 TREE 363924N/0761929W". – NEW CONTROLLING OBSTACLES.
6. ADDITIONAL FLIGHT DATA: CHART FAS OBSTACLE CHANGED FROM " CHART FAS OBST: 142 TREE 363836N/0762025W" TO "CHART FAS OBST: 142 TREE (51-033309) 363836N/0762025W". – IAW 8260.19J
7. NOTES: REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" – IAW 8260.19J
8. NOTES: REMOVED "*LNAV ONLY" – IAW 8260.19J
9. NOTES: CHANGED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK INTL ALTIMETER SETTING AND INCREASE ALL DA 36 FEET AND ALL MDA 40 FEET; INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE." TO " CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORF ALTIMETER SETTING AND I NCREASE LPV DA TO 256 FEET; INCREASE LNAV/VNAV DA TO 329 FEET; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D 1/8SM." NEW EVALUATION.
10. NOTES: CHANGED " CHART NOTE: BARO-VNAV NA WHEN USING NORFOLK INTL ALTIMETER SETTING." TO "CHART NOTE: BARO-VNAV NA WHEN USING ORF ALTIMETER SETTING." – IAW 8260.19J
11. NOTES: CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F)." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C" – IAW 8260.19J
12. NOTES: CHANGED "CHART PLANVIEW PROCEDURE NA FOR ARRIVALS AT DRONE ON V1 SOUTHWEST BOUND." TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRONE ON V1 SOUTHWEST BOUND." – IAW 8260.19J
13. PBN REQUIREMENT NOTE: "RNP APCH" CHANGED TO "RNP APCH -GPS" - IAW 8260.19J

10/03/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/05/2025.
CORRECTED CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE. TO FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZDC, ORF APP CON, CPK AMGR.

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by

CASIMIR L TABAKA

Sep 05, 2025

OFFICE

AJF

DATE

09/03/2025

DEVELOPED BY

RAKE MCGRAW (ZACHARY KRUEGER)

Digitally signed by

CASIMIR L TABAKA

Sep 05, 2025

OFFICE

AJV-A431

DATE

07/17/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

CASIMIR L TABAKA

Sep 05, 2025

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCPK
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	363934.4785N
LTP/FTP LONGITUDE	0761934.6285W
LTP/FTP ELLIPSOIDAL HEIGHT	-00320
FPAP LATITUDE	364045.8200N
FPAP LONGITUDE	0761828.1200W
THRESHOLD CROSSING HEIGHT (TCH)	00042.6
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)	35.0

CRC REMAINDER

FC2BD79E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00050
FPAP ORTHOMETRIC HEIGHT	+00050

