

**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.

AIRPORT ID 1H2	PROCEDURE NAME RNAV (GPS) RWY 29	ORIGINAL/AMENDMENT 1	CITY EFFINGHAM	STATE IL
AIRPORT ELEVATION 585	TDZE 576	SUPERSEDED RNAV (GPS) RWY 29	DATED 03/26/2020	MAG VAR 1W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE 5/14/2026	EPOCH YEAR 1995
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JOVAR	IF/IAF	NEENA		TF	FB	1.00	283.64	9.95	2300
NEENA	FAF	UNROJ/1.57 NM TO RW29		TF	FB	0.30	294.07	3.71	
UNROJ/1.57 NM TO RW29		RW29	MAP	TF	FO	0.30	294.07	1.57	
RW29	MAP	1800 MSL		CA			294.07		1800
1800 MSL		JOVAR		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 2300 DIRECT JOVAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD E JOVAR, RT, 283.79 INBOUND, 2300 IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 294.07 **FAF:** NEENA **DIST FAF TO MAP:** 5.28 **DIST FAF TO THLD:** 5.28
- MIN ALT:** JOVAR 2300, NEENA 2300, UNROJ/1.57 NM TO RW29 1120
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **259 HAT:** 0.68 **GS ANT:**
- MIN GP INCPT:** 2300 **GP ALT AT PFAF:** NEENA 2300 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 45.0
- MSA FROM:** RW29 2500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 29 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.
 CHART NOTE: CIRCLING TO RWY 1,19 NA AT NIGHT.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT JOVAR ON V12 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 678 TREE (17-090582) 390351N/0882913W.
 CHART VDP AT 1.01 NM TO RW29.
 WAAS CHANNEL # 93933
 REFERENCE PATH ID: W29A
 LTP HAE: 143.1 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
	<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>
LPV DA	835	1	259	835	1	259	835	1	259	835	1	259			
LNAV/VNAV DA	940	1	364	940	1	364	940	1	364	940	1	364			
LNAV MDA	940	1	364	940	1	364	940	1	364	940	1	364			
CIRCLING	1020	1	435	1140	1	555	1440	2 1/2	855	1440	2 3/4	855			



CHANGES - REASONS

1. INCORPORATED P-NOTAM 9/0620 AND 5/6337 - IAW 8260.19K 8-3-4.C(3)
2. TDZE: CHANGED FROM 579 TO 576 - NEW AIRPORT SURVEY.
3. TERMINAL ROUTES: JOVAR TO OQOSE: CHANGED FAF FROM "OQOSE" TO "NEENA", CHANGED COURSE FROM "283.79" TO "283.64", AND CHANGED DISTANCE FROM "10.09" TO "9.95" - ATC REQUEST/ FAF MOVED.
4. TERMINAL ROUTES: OQOSE TO UNROJ: CHANGED FAF FROM "OQOSE" TO "NEENA", AND CHANGED DISTANCE FROM "3.68" TO "3.71" - ATC REQUEST/FAF MOVED.
5. PROFILE LINE 1: ADDED MAX 6000 - IAW 8260.19K.
6. PROFILE LINE 4/PROFILE LINE 6: CHANGED FAF OQOSE TO NEENA - ATC REQUEST.
7. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19K.
8. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM 142.5 TO 143.1 - LTP MOVED/NEW AIRPORT SURVEY.
9. LNAV HAT ALL CATS CHANGED FROM 361 TO 364 - NEW TDZE.
10. REMOVED CHART NOTE RWY 1 STRAIGHT-IN MINIMUMS N/A AT NIGHT - 20:1 PENETRATIONS REMOVE/CANCELS NOTAM 6/0850 AND 6/4326.
11. LNAV/VNAV HAT-DA-VIS ALL CATS CHANGED FROM 280-859-7/8 TO 364-940-1 - NEW CONTROLLING OBSTACLE/NEW TDZE.
12. CRC REMAINDER CHANGED FROM 4CC372D0 TO 4D7812E9 - LTP/FTP LAT/LONG CHANGED FROM "390405.1970N/0883129.1845W" TO "390401.7270N/0883118.7000W" - FPAP LAT/LONG CHANGED FROM "390440.0300N/0883314.5000W" TO "390436.5670N/0883304.0175W" - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+01425" TO "+01431" - LENGTH OFFSET CHANGED FROM "1192" TO "0920" - LTP AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+01744" TO "+01750".
13. MINIMUMS: LPV DA CHANGED FROM "838" TO "835" - TDZE CHANGED FROM 579 TO 576/NEW AIRPORT SURVEY.
14. ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM "677 TREE (K1H2T0649) 390352N/0882912W" TO "678 TREE (17-090582) 390351N/0882913W" - UPDATED OBSTACLE EVALUATION.
15. TERMINAL ROUTES: UNROJ CHANGED FROM "UNROJ/1.60 NM TO RW29" TO "UNROJ/1.57 NM TO RW29" - FIX COORDINATES MOVED.
16. PROFILE LINE 4 MIN ALT: CHANGED "UNROJ/1.60 NM TO RW29 1120*" TO "UNROJ/1.57 NM TO RW29 1120" - NEW FIX COORDINATES/IAW 8260.19K 8-6-7D(6)
17. ADDITIONAL FLIGHT DATA: REMOVED THE ASTERISK FROM "CHART VDP AT 1.01 NM TO RW29" AND REMOVED "LNAV ONLY" - NO LONGER REQUIRED.
18. ADDITIONAL FLIGHT DATA: "DISTANCE TO THLD FROM 259 HATH: 0.67NM" MOVED TO PROFILE LINE 5 "259 HAT: 0.68" - ROUNDING FOR OPTIMAL GLIDEPATH ANGLE/IAW 8260.19K.
19. MINIMUMS: ALTERNATE MINIMUMS CHANGED FROM "STANDARD" TO "STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.19K.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZKC, ZID, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

ALLAN WILL

Feb 13, 2026

Digitally signed by

ALLAN WILL

Feb 13, 2026

Digitally signed by

ALLAN WILL

Feb 13, 2026

OFFICE

DATE

DEVELOPED BY

ALLAN WILL (RODNEY SMITH)

OFFICE

AJV-A4

DATE

11/05/2025

APPROVED BY

KYLE THOMPSON

OFFICE

AJV-A4

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	1H2
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	390401.7270N
LTP/FTP LONGITUDE	0883118.7000W
LTP/FTP ELLIPSOIDAL HEIGHT	+01431
FPAP LATITUDE	390436.5670N
FPAP LONGITUDE	0883304.0175W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
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 4D7812E9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01750
FPAP ORTHOMETRIC HEIGHT	+01750



**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>
1H2	RNAV (GPS) RWY 29	1	EFFINGHAM	IL	585	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM JOVAR (IF/IAF) **TO** NEENA

RNP 1.00 **DISTANCE** 9.95 **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>
TOWER (17-002560)	385750.90N/0881323.70W	1170	250	50	4D	500				SA-14 AT644	2300
TERRAIN	390248.00N/0882236.00W	610 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM NEENA **TO** RW29

RNP 0.30 **DISTANCE** 5.28 **PAT** **MAP** DA **HAT** 259 **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>
TREE (17-090342)	390358.34N/0883053.52W	647	20	3	1A		34.00:1			MA50 XP9	835

COMPUTATIONS

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

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS



AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
NEENA

TO
RW29

RNP
0.30

DISTANCE
5.28

PAT

MAP
DA

HAT
364

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	390406.00N/0882951.00W	675	250	8	4B		23.42:1			AC8	940

COMPUTATIONS

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

SEGMENT REMARKS:

LNAV/VNAV MINIMUMS LOWERED HAT FROM 383 TO 364 TO MATCH LNAV MINIMUMS IAW 8260.58 3-3-5. OBSTACLE IN SLOPED SURFACE.

FINAL: LNAV

FROM
NEENA

TO
UNROJ/1.57 NM TO RW29

RNP
0.30

DISTANCE
3.71

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390215.00N/0882557.00W	784	215	8	4B	250				RA80	1120

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

FINAL: LNAV STEPDOWN

FROM
UNROJ/1.57 NM TO RW29

TO
RW29

RNP
0.30

DISTANCE
1.57

PAT

MAP
RW29

HAT
364

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (17-090582)	390351.35N/0882912.97W	678	20	3	1A	250					940

COMPUTATIONS

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

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM
JOVAR

TO
P-5

RNP

DISTANCE

PAT
P-5

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-002560)	385750.90N/0881323.70W	1170	250	50	4D	1000				AT130	2300
TERRAIN	385633.00N/0881124.00W	606 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

MISSED APPROACH: LPV

FROM
DA **TO**
JOVAR

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
643

<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>
TREE (17-090342)	390358.34N/0883053.52W	647	20	3	1A		ASC				2300
TOWER (17-002560)	385750.90N/0881323.70W	1170	250	50	4D	1000					2200
TERRAIN	390754.00N/0884118.00W	636 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
JOVAR

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
779

<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				2300
TOWER (17-002560)	385750.90N/0881323.70W	1170	250	50	4D	1000					2200
TERRAIN	390754.00N/0884118.00W	636 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

MISSED APPROACH: LNAV

FROM
RW29 **TO**
JOVAR

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
840

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2300
TOWER (17-002560)	385750.90N/0881323.70W	1170	250	50	4D	1000					2200
TERRAIN	390754.00N/0884118.00W	636 (600)								AS1500	2100

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											
TOWER (17-000939)	390244.55N/0883234.33W	1.30	435	715	20	3	1A	300			1020
CATEGORY B											
ELEVATOR (17-090379)	390555.65N/0883319.60W	1.83	555	778	20	10	1B	300		XP60	1140
CATEGORY C											
ANTENNA (17-090708)	390626.88N/0883343.67W	2.87	855	1096	20	10	1B	300		XP40	1440
CATEGORY D											
ANTENNA (17-090708)	390626.88N/0883343.67W	3.75	855	1096	20	10	1B	300		XP40	1440

CIRCLING REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS.

MSA

CENTER
RW29 **RADIUS**
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (17-000499)	385019.00N/0880747.00W	128	22.9	1450	250	50	4D	1000			2500

MSA REMARKS:



AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, STL FSS

WX SERVICE AWOS-3PT	LOCATION 1H2	HRS OPERATION	ALTIMETER SOURCE 1H2	DISTANCE	WMSCR Y	ADJUSTMENTS 0
-------------------------------	------------------------	----------------------	--------------------------------	-----------------	-------------------	-------------------------

BACK-UP WX SERVICE AWOS-3	LOCATION OLY	HRS OPERATION	ALTIMETER SOURCE OLY	DISTANCE 26.77	WMSCR Y	ADJUSTMENTS 76
-------------------------------------	------------------------	----------------------	--------------------------------	--------------------------	-------------------	--------------------------

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K1H2 585, KOLY 482
RA = 76.0.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
-----------------------	----------------------	----------------------	------------

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW19 - MIRL (PCL), PVASI-PSIL (PCL)	BSC-F	
RW01 - MIRL (PCL), PVASI-PSIL (PCL)	NPI-F	
RW11 - MIRL (PCL), REIL (PCL)	NPI-F	
RW29 - MIRL (PCL), REIL (PCL)	NPI-F	

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 574.0	TCH 45.0	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
---------------------------------	------------------------------------	--------------------	------------------------	--------------------------	-------------------	------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW -16C	CRITICAL HIGH +54C	ACT -16C	APT ISA +13.84C
-----------------------------	------------------------------	--------------------	---------------------------

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 962 HIGH TEMP 1270.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 01
20:1	
TREE 17-042822 390340.33N/0883213.33W (16.79)	TREE 17-038493 390339.79N/0883209.98W (7.81)



AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

TREE 17-045005 390339.69N/0883207.66W (4.51)	TREE 17-043498 390339.36N/0883212.93W (4.13)
TREE 17-038490 390340.22N/0883211.54W (3.16)	TREE 17-045004 390339.48N/0883204.65W (0.01)
FINAL TYPE	CIRCLING RWY 19
20:1	
TREE 17-090725 390436.41N/0883158.91W (26.18)	TREE 17-042855 390436.20N/0883159.18W (12.37)
TREE 17-038577 390438.58N/0883200.82W (5.29)	TREE 17-044359 390437.60N/0883200.92W (4.25)
TREE 17-042208 390432.96N/0883158.79W (2.42)	PUBLIC ROAD 17-045035 390432.92N/0883201.85W (1.2)
FINAL TYPE	LPV, LNAV/VNAV, LNAV
34:1	
642 TREE (17-090746) 390358.8500N/0883055.9300W (21.92)	647 TREE (17-090342) 390358.3400N/0883053.5200W (21.18)
634 TREE (17-090312) 390351.4400N/0883101.2300W (16.62)	633 TREE (17-090282) 390351.3100N/0883059.8200W (12.46)
628 TREE (17-090417) 390357.0200N/0883057.4700W (9.08)	631 TREE (17-090630) 390356.3600N/0883055.7800W (7.7)
633 TREE (17-090501) 390356.3400N/0883054.6600W (7.29)	633 TREE (17-090299) 390357.1200N/0883053.8100W (6.38)
633 TREE (17-090394) 390356.4500N/0883053.8900W (5.77)	628 TREE (17-090605) 390353.6000N/0883057.3000W (4.74)
622 TREE (17-090512) 390352.5300N/0883100.6200W (4.58)	
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

AIRPORT ID
1H2

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
1

CITY
EFFINGHAM

STATE
IL

AIRPORT ELEVATION
585

FACILITY
RNAV

PART C: GENERAL REMARKS:

TAA NOT DEVELOPED AT ATC REQUEST.

100 FT ASSUMED VEGETATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO VGSI INSTALLED TO RWY 29.

HISTORICAL TEMP HISTORY NOT AVAILABLE.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLY ALTIMETER SETTING AND INCREASE LPV DA TO 911 FEET; INCREASE LNAV/VNAV DA TO 1016 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING OLY ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 794 AAO 390300N/0882415W.
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	3.08
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	293.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	4.88
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	293.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)

390401.73N/0883118.70W

ARP COORDINATES

390412.64N/0883157.17W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 29 DISTANCE 0.53 NM

FAF COORDINATES

390157.67N/0882504.57W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

ALLAN WILL (RODNEY SMITH)

OFFICE

AJV-A4

DATE

11/05/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST