

**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> KPQI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> PRESQUE ISLE	<u>STATE</u> ME		
<u>AIRPORT ELEVATION</u> 534	<u>TDZE</u> 534	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 17W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 093/30 CW 273/30	NOPT	093/10 CW 273/10		4200
2. 093/10 CW 273/10		VEGGS	IF/IAF	3000
3. 273/30 CW 003/30		BICMU	IAF	3600
4. 003/30 CW 093/30		003/10 CW 093/10		4000
5. 003/10 CW 093/10		CESUG	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BICMU	IAF	VEGGS	NOPT	TF	FB	1.00	272.79	9.00	3000
CESUG	IAF	VEGGS	NOPT	TF	FB	1.00	092.48	9.00	3000
VEGGS	IF/IAF	LOKZA		TF	FB	1.00	182.63	6.07	2000
LOKZA	FAF	RW19	MAP	TF	FO	0.30	182.66	4.43	
RW19	MAP	934 MSL		CA			182.66		
934 MSL		CORAC		DF	FO	1.00			3400

QUALITY
16
CHECKED

CHANGES - REASONS

1. AMENDED TERMINAL ROUTE MISSED APPROACH CA AND DF SEGMENTS FROM "926 MSL" TO "934 MSL" - TO MATCH 400 FT ABOVE THE AIRPORT ELEVATION IAW 8260.58B 3-5-2 B
2. AMENDED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19I 8-6-8 B(2) AND ATTACHMENT 4 - CRITERIA CLARIFICATION, #7 OF THE IMPLEMENTATION MEMO FOR FAA ORDER 8260.19I - FLIGHT PROCEDURES AND AIRSPACE DATED JUNE 29, 2020
3. ADDED "CHART NOTE: STRAIGHT-IN RWY 19 NA AT NIGHT. CIRCLING RWY 10, 19 NA AT NIGHT. " TO NOTES - 20:1 PENETRATIONS IDENTIFIED AND ANNOTATED IAW 8260.19I 8-6-11 O (2) NOTE
4. AMENDED NOTE FROM "CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - 20:1 PENETRATIONS IDENTIFIED FOR THE STRAIGHT-IN PORTION OF THE PROCEDURE AND ANNOTATED IAW 8260.19I 8-6-11 K(3)
5. AMENDED NOTES FROM "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" TO "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PRECISION LINES OF MINIMA REMOVED AND NOTE REFORMATTED IAW 8260.19I 8-6-9 M(2)
6. AMENDED NOTES TO DELETE "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - LNAV/VNAV LINE OF MINIMA DELETED FOR TARGETS-IDENTIFIED VGS PENETRATIONS; NOTE NO LONGER NEEDED
7. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "CHART VDP AT 1.65 NM TO RW19*" AND "**LNAV ONLY" - VDP REMOVED FOR TARGETS-IDENTIFIED 20:1 PENETRATIONS
8. AMENDED ADDITIONAL FLIGHT DATA TO ADD "LOKZA TO RW19: 3.00/50" - ANNOTATED FOR STRAIGHT-IN NONPRECISION PROCEDURES WITHOUT A GS/GP ESTABLISHED FOR VERTICALLY GUIDED MINIMA IAW 8260.19I 8-6-10 O(1)
9. AMENDED ALTERNATE MINIMUMS FROM "STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4" TO "STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4 - NA WHEN LOCAL WEATHER NOT AVAILABLE" - AMENDED TO CURRENT FORMAT IAW 8260.19I 8-6-11 M AND ATTACHMENT 4, 5(B) OF THE IMPLEMENTATION MEMO FOR FAA ORDER 8260.19I - FLIGHT PROCEDURES AND AIRSPACE DATED JUNE 29, 2020
10. DELETED LPV AND LNAV/VNAV LINES OF MINIMA - TARGETS-IDENTIFIED VGS PENETRATIONS
11. AMENDED CIRCLING CAT C MINIMUMS FROM "MDA 1300/HAA 766" TO "MDA 1320/HAA 786" - NEW CONTROLLING OBSTACLE IDENTIFIED

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, AMGR**FLIGHT CHECKED BY****OFFICE****DATE****DEVELOPED BY**
KELLY CARLSONDigitally signed by
MARK D ADAMS

Nov 15, 2022

OFFICE
AJV-A412**DATE**
09/13/2022**APPROVED BY**
MARK ADAMSDigitally signed by
MARK D ADAMS
Nov 15, 2022**OFFICE**
AJV-A412**DATE****TITLE**
MANAGERQUALITY
16
CHECKED

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

<u>AIRPORT ID</u> KPQI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>AMDT NO.</u> 1A	<u>CITY</u> PRESQUE ISLE	<u>STATE</u> ME	<u>AIRPORT ELEVATION</u> 534	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 093/30 CW 273/30 TO 093/10 CW 273/10

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<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	465806.00N/0685224.00W	2156	164	98	4E	2000					4200	
TERRAIN	465845.00N/0673054.00W	1802 (1800)								AS1500	3300	

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 093/10 CW 273/10 TO VEGGS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<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	465139.00N/0682406.00W	1341	250	50	4D	2000				MT-341	3000	
TERRAIN	465457.00N/0682057.00W	1021 (1000)								AS1500	2500	

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM
273/30 CW 003/30

TO
BICMU

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	470400.00N/0671336.00W		2000	250	50	4D	2000				MT-400	3600
TERRAIN	463936.00N/0672048.00W		1710 (1700)								AS1500	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM
003/30 CW 093/30

TO
003/10 CW 093/10

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	463412.00N/0684854.00W		2312	250	50	4D	2000				MT-312	4000
TERRAIN	463412.00N/0684854.00W		2212 (2200)								AS1500	3700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

003/10 CW 093/10

TO

CESUG

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	465139.00N/0682406.00W		1341	250	50	4D	2000				MT-341	3000
TERRAIN	464718.00N/0682654.00W		1201 (1200)								AS1500	2700

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

INITIAL

FROM

BICMU

TO

VEGGS

<u>RNP</u>	<u>DISTANCE</u> 9.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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	465421.00N/0680518.00W		1031	164	98	4E	1000				AT969	3000
TERRAIN	465421.00N/0680518.00W		831 (800)								AS1500	2300

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



INITIAL

FROM
CESUG

TO
VEGGS

RNP	DISTANCE 9.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	465212.00N/0681615.00W		1191	164	98	4E	1000				AT809	3000
TERRAIN	465212.00N/0681615.00W		991 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
VEGGS (IF/IAF)

TO
LOKZA

RNP	DISTANCE 6.07	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	465251.00N/0680942.00W		991	164	98	4E	500				AC98 MT411	2000
TERRAIN	465251.00N/0680942.00W		791 (800)								AS1000	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

LOKZA

TO

RW19

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.43		RW19			706						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	464426.04N/0680459.08W		1000	50	20	2C	250				SA-15	1240

COMPUTATIONS

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

HOLD-IN-LIEU OF PT

FROM

VEGGS

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	465859.00N/0681028.70W		1214	164	98	4E	1000				AT786	3000
TERRAIN	465859.00N/0681028.70W		1014 (1000)								AS1500	2500

COMPUTATIONS

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



MISSED APPROACH : LNAV

FROM
RW19

TO
CORAC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1140					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3400
AAO	463433.00N/0680024.00W		1457	164	98	4E	1000					2500
TERRAIN	463433.00N/0680024.00W		1256 (1300)								AS1500	2800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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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											
WINDMILL (23-021686)	464003.00N/0680111.90W	1.30	706	833	50	20	2C	300		SI	1240
CATEGORY B											
TOWER (23-020829)	463937.07N/0680431.08W	1.82	706	854	20	3	1A	300		SI	1240
CATEGORY C											
TREE	464413.00N/0680532.00W	2.87	786	1019	50	20	2C	300			1320
CATEGORY D											
AAO	463715.00N/0680124.00W	3.74	826	1050	50	20	2C	300			1360

CIRCLING REMARKS:



<u>CENTER</u>	<u>RADIUS</u>
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REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION HEIGHT 100 FT PER FPT
PROCEDURE DEVELOPED WITH 55 FT TCH FOR OBSTACLES IN THE VGS AREA



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZBW ARTCC, BGR FSS

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KPQI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPQI	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KHUL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHUL	<u>DISTANCE</u> 35.80	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 90

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KPQI 534, KHUL 484
RA = 89.3.

<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>
RW10 - MIRL (PCL)		NPI-G	
RW28 - MIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW01 - MALSR (PCL), HIRL (PCL)		PIR-G	
RW19 - HIRL (PCL), REIL (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> 3.70	<u>TCH</u> 50.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	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 10
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AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KPQI	RNAV (GPS) RWY 19	1A	PRESQUE ISLE	ME	534	RNAV
20:1						
535 TREE (23-053575) 464100.52N/0680322.01W (4.13)			531 TREE (23-053392) 464058.24N/0680321.14W (0.21)			
536 TREE (23-052743) 464057.56N/0680322.38W (0.17)			538 TREE (23-053357) 464057.88N/0680323.11W (0.1)			
Final Type	CIRCLING RWY 19					
20:1						
540 TERRAIN (23-053153) 464206.20N/0680313.29W (0.41)						
Final Type	LNAV					
20:1						
540 TERRAIN (23-053153) 464206.20N/0680313.29W (0.41)						
Final Type	LNAV					
34:1						
701 POLE (23-053459) 464238.96N/0680316.60W (67.45)			711 TREE (23-020693) 464243.38N/0680315.06W (65.47)			
685 TERRAIN (23-053976) 464238.18N/0680314.64W (54.69)			681 TERRAIN (23-052886) 464237.14N/0680314.83W (53.6)			
674 TERRAIN (23-053004) 464235.89N/0680314.36W (50.45)			670 TERRAIN (23-051401) 464234.60N/0680314.15W (50.28)			
699 TREE (23-053139) 464244.61N/0680316.17W (49.35)			675 TERRAIN (23-053974) 464237.47N/0680316.45W (45.83)			
669 TERRAIN (23-051253) 464236.09N/0680316.13W (43.97)			659 TRAVERSE_WAY (23-052334) 464232.73N/0680316.80W (43.33)			
664 TERRAIN (23-052991) 464234.82N/0680315.68W (42.87)			671 TERRAIN (23-052700) 464237.33N/0680317.63W (41.63)			
655 TERRAIN (23-051445) 464232.98N/0680315.14W (39.45)			659 TRAVERSE_WAY (23-053482) 464234.12N/0680317.89W (38.77)			
657 TERRAIN (23-052590) 464234.19N/0680316.55W (37.25)			659 TERRAIN (23-052482) 464235.34N/0680317.24W (35.58)			
652 TERRAIN (23-053800) 464233.29N/0680316.57W (34.83)			669 TERRAIN (23-053460) 464238.96N/0680318.45W (34.51)			
688 BUILDING (23-053989) 464246.10N/0680315.36W (34.46)			671 TERRAIN (23-053918) 464239.81N/0680317.71W (34.43)			
662 TERRAIN (23-051599) 464237.22N/0680318.95W (32.28)			644 TERRAIN (23-053711) 464231.86N/0680314.58W (31.97)			
630 TREE (23-020683) 464227.52N/0680313.32W (31.14)			645 TERRAIN (23-051257) 464232.42N/0680315.68W (30.8)			
638 TREE (23-053685) 464228.73N/0680323.47W (30.5)			656 TERRAIN (23-053394) 464235.94N/0680318.75W (30.08)			
667 TREE (23-053461) 464239.63N/0680321.90W (28.83)			677 BUILDING (23-051991) 464244.76N/0680314.55W (27.74)			
635 TRAVERSE_WAY (23-052794) 464230.17N/0680315.64W (27.31)			634 TREE (23-051278) 464228.67N/0680322.88W (26.97)			
666 TRAVERSE_WAY (23-052154) 464240.53N/0680320.41W (25.99)			644 TERRAIN (23-052430) 464233.50N/0680317.35W (25.83)			
664 TERRAIN (23-051213) 464240.24N/0680319.03W (25.52)			665 TREE (23-052218) 464240.11N/0680322.07W (25.36)			
633 TREE (23-053335) 464228.91N/0680323.57W (24.93)			631 TREE (23-051140) 464228.27N/0680323.61W (24.76)			

QUALITY

16



AIRPORT ID KPQI	PROCEDURE NAME RNAV (GPS) RWY 19	AMDT NO. 1A	CITY PRESQUE ISLE	STATE ME	AIRPORT ELEVATION 534	FACILITY RNAV
632 TREE (23-051555) 464228.76N/0680323.09W (24.61)	656 POLE (23-020687) 464237.16N/0680322.77W (24.52)		633 TREE (23-051579) 464229.01N/0680324.25W (24.3)	632 TREE (23-052978) 464228.69N/0680324.61W (24.04)		646 TERRAIN (23-052029) 464234.73N/0680318.44W (23.73)
632 TREE (23-052586) 464229.02N/0680324.05W (23.37)	632 TREE (23-051468) 464228.93N/0680324.11W (23.6)		633 TERRAIN (23-052358) 464231.02N/0680315.03W (23.17)	662 TREE (23-053124) 464239.78N/0680322.30W (23.19)		620 TREE (23-051522) 464226.76N/0680314.29W (22.84)
680 TREE (23-051697) 464247.39N/0680315.45W (22.69)	664 TREE (23-052392) 464240.54N/0680322.19W (23.05)		663 TERRAIN (23-053583) 464241.13N/0680318.22W (22.36)	666 TRAVERSE_WAY (23-052722) 464241.84N/0680319.32W (22.76)		664 TREE (23-051622) 464240.97N/0680321.78W (22.02)
646 TERRAIN (23-051300) 464235.25N/0680319.18W (21.85)	629 TREE (23-051218) 464228.40N/0680323.49W (22.44)		666 TRAVERSE_WAY (23-051356) 464242.39N/0680318.63W (21.52)	620 TREE (23-053163) 464224.99N/0680325.41W (22.32)		658 TREE (23-053311) 464239.00N/0680322.52W (21.33)
662 TERRAIN (23-053611) 464240.98N/0680319.35W (21.22)	666 BUILDING (23-053293) 464242.66N/0680316.33W (21.9)		647 TERRAIN (23-052021) 464235.85N/0680319.95W (20.73)	631 TREE (23-051965) 464229.24N/0680324.42W (21.55)		601 TREE (23-051477) 464219.02N/0680325.48W (20.52)
630 TREE (23-053762) 464229.29N/0680324.71W (20.26)	663 TREE (23-052359) 464240.82N/0680321.87W (21.41)		648 TERRAIN (23-051662) 464236.65N/0680320.51W (19.14)	630 TREE (23-051811) 464228.94N/0680324.66W (21.29)		591 TRAVERSE_WAY (23-023743) 464217.47N/0680318.77W (18.39)
661 TREE (23-052943) 464241.31N/0680321.65W (18.1)	629 TREE (23-052706) 464228.72N/0680324.38W (21.07)		590 TRAVERSE_WAY (23-052045) 464217.46N/0680318.11W (17.76)	604 TREE (23-052669) 464220.05N/0680325.45W (20.56)		622 TREE (23-052727) 464228.11N/0680322.29W (16.89)
648 TERRAIN (23-052395) 464237.32N/0680320.64W (17.14)	661 TREE (23-053582) 464240.44N/0680321.93W (20.47)		604 TREE (23-052528) 464221.39N/0680326.12W (16.35)	667 TREE (23-052834) 464243.62N/0680317.36W (19.61)		621 TERRAIN (23-052808) 464229.82N/0680313.99W (15.16)
617 TRAVERSE_WAY (23-051959) 464228.41N/0680314.80W (14.82)	627 TREE (23-051161) 464228.79N/0680324.17W (18.97)		621 TERRAIN (23-051807) 464229.83N/0680314.97W (14.63)	628 TREE (23-052853) 464229.34N/0680324.28W (18.33)		650 TERRAIN (23-052770) 464238.95N/0680320.80W (14.35)
593 TRAVERSE_WAY (23-052779) 464220.34N/0680314.87W (14.08)	631 TERRAIN (23-051362) 464231.89N/0680316.29W (18.02)		625 TREE (23-052056) 464228.62N/0680324.90W (17.09)	627 TREE (23-051148) 464229.51N/0680324.67W (16.64)		621 TERRAIN (23-051807) 464229.83N/0680314.97W (14.63)
	589 TRAVERSE_WAY (23-052166) 464217.45N/0680319.46W (16.1)		625 TREE (23-052337) 464229.32N/0680325.70W (14.67)	587 TRAVERSE_WAY (23-053140) 464217.51N/0680316.20W (15.58)		



AIRPORT ID KPQI	PROCEDURE NAME RNAV (GPS) RWY 19	AMDT NO. 1A	CITY PRESQUE ISLE	STATE ME	AIRPORT ELEVATION 534	FACILITY RNAV
585 TRAVERSE_WAY (23-051417) 464217.54N/0680315.47W (13.86)	624 TERRAIN (23-051583) 464231.00N/0680316.02W (13.72)					
623 TREE (23-052775) 464229.02N/0680325.67W (13.55)	651 TERRAIN (23-052079) 464239.66N/0680320.78W (13.31)					
584 TRAVERSE_WAY (23-051629) 464217.54N/0680314.76W (13.22)	623 TREE (23-052481) 464229.29N/0680325.32W (12.95)					
641 TREE (23-051891) 464235.71N/0680324.56W (12.8)	669 TREE (23-052381) 464246.53N/0680318.18W (12.79)					
609 TREE (23-052814) 464224.87N/0680323.79W (12.48)	621 TREE (23-052061) 464228.82N/0680325.07W (12.43)					
584 TRAVERSE_WAY (23-053129) 464218.10N/0680313.37W (12.31)	593 TRAVERSE_WAY (23-051660) 464220.90N/0680315.21W (12.3)					
583 FENCE (23-053516) 464216.98N/0680317.96W (12.22)	575 TERRAIN (23-052193) 464213.94N/0680319.85W (12.04)					
583 FENCE (23-053725) 464216.97N/0680318.39W (12.03)	582 TRAVERSE_WAY (23-052172) 464217.44N/0680313.95W (11.92)					
583 FENCE (23-053633) 464216.96N/0680318.83W (11.84)	585 TRAVERSE_WAY (23-053283) 464217.39N/0680320.97W (11.51)					
570 TERRAIN (23-053317) 464212.38N/0680320.05W (11.44)	567 BUILDING (23-053424) 464213.09N/0680310.20W (11.38)					
579 TRAVERSE_WAY (23-051544) 464216.75N/0680313.25W (11.27)	639 TREE (23-053218) 464235.36N/0680325.86W (11.15)					
640 TREE (23-052956) 464236.01N/0680324.46W (10.98)	582 FENCE (23-052443) 464216.95N/0680319.26W (10.65)					
624 TREE (23-051197) 464230.55N/0680324.82W (10.56)	605 TREE (23-053173) 464223.99N/0680324.88W (10.47)					
609 TRAVERSE_WAY (23-051986) 464227.21N/0680314.48W (10.45)	580 TREE (23-053255) 464217.51N/0680312.61W (10.4)					
581 FENCE (23-051342) 464216.98N/0680317.65W (10.38)	619 TERRAIN (23-053417) 464230.37N/0680316.41W (10.35)					
638 TREE (23-051849) 464235.25N/0680326.12W (10.33)	579 TERRAIN (23-053250) 464216.05N/0680319.22W (10.27)					
569 TRAVERSE_WAY (23-051993) 464214.19N/0680310.13W (10.24)	568 NAVAID (23-020679) 464213.18N/0680314.06W (10.17)					
652 TERRAIN (23-051304) 464241.26N/0680319.90W (10.14)	647 TREE (23-051384) 464238.97N/0680323.39W (9.98)					
686 TREE (23-051199) 464253.88N/0680315.78W (9.79)	581 TREE (23-051875) 464217.85N/0680314.24W (9.59)					
579 TREE (23-052225) 464217.44N/0680312.92W (9.45)	647 TREE (23-051981) 464239.19N/0680323.36W (9.36)					
592 TRAVERSE_WAY (23-051931) 464221.55N/0680315.42W (9.31)	606 TRAVERSE_WAY (23-052179) 464226.46N/0680315.22W (9.24)					
579 TERRAIN (23-023741) 464216.50N/0680318.72W (9.22)	630 TERRAIN (23-053106) 464234.04N/0680319.43W (9.22)					
634 TERRAIN (23-053353) 464235.19N/0680320.83W (9.19)	578 TERRAIN (23-053447) 464216.43N/0680317.65W (8.96)					
579 TERRAIN (23-051219) 464216.58N/0680319.04W (8.83)	578 TERRAIN (23-052698) 464216.48N/0680318.10W (8.59)					
579 FENCE (23-053734) 464217.00N/0680317.27W (8.51)	652 TREE (23-053468) 464241.39N/0680322.67W (8.36)					
638 TREE (23-051549) 464236.17N/0680325.04W (8.23)	580 TREE (23-051967) 464218.04N/0680313.97W (8.18)					
575 TERRAIN (23-052617) 464215.23N/0680320.37W (8.05)	577 TREE (23-052459) 464217.24N/0680312.88W (8.04)					
624 TERRAIN (23-053206) 464232.61N/0680318.44W (7.85)	637 TREE (23-053423) 464235.98N/0680324.92W (7.84)					
577 FENCE (23-053486) 464217.04N/0680314.85W (7.62)	579 FENCE (23-053530) 464216.94N/0680319.65W (7.48)					



AIRPORT ID KPQI	PROCEDURE NAME RNAV (GPS) RWY 19	AMDT NO. 1A	CITY PRESQUE ISLE	STATE ME	AIRPORT ELEVATION 534	FACILITY RNAV
577 FENCE (23-052035) 464217.03N/0680315.43W (7.36)	575 TREE (23-053231) 464216.86N/0680312.47W (7.35)		574 TREE (23-051799) 464216.61N/0680312.31W (7.15)	576 TREE (23-052105) 464217.29N/0680312.48W (7.1)		625 TREE (23-053434) 464232.07N/0680325.12W (7.02)
671 BUILDING (23-051273) 464249.77N/0680315.24W (6.93)	618 TREE (23-051225) 464229.56N/0680325.86W (6.89)		618 TERRAIN (23-051461) 464231.10N/0680317.20W (6.84)	577 FENCE (23-053301) 464217.00N/0680316.84W (6.73)		677 TREE (23-052233) 464250.88N/0680321.38W (6.61)
638 TERRAIN (23-051143) 464237.31N/0680322.11W (6.42)	573 TERRAIN (23-052153) 464215.59N/0680317.71W (6.36)		578 TREE (23-053523) 464218.14N/0680313.16W (6.3)	635 TREE (23-052776) 464235.61N/0680326.13W (6.29)		676 TREE (23-051786) 464250.64N/0680321.48W (6.25)
576 FENCE (23-052393) 464217.02N/0680315.84W (6.18)	576 FENCE (23-053857) 464217.01N/0680316.27W (5.99)		575 FENCE (23-052725) 464217.00N/0680314.42W (5.96)	634 TREE (23-052975) 464235.36N/0680326.41W (5.87)		674 TREE (23-052294) 464250.10N/0680321.50W (5.8)
578 TERRAIN (23-053856) 464217.87N/0680315.81W (5.74)	622 TREE (23-052711) 464231.53N/0680324.81W (5.74)		552 TERRAIN (23-053544) 464209.56N/0680312.36W (5.48)	569 TERRAIN (23-052588) 464213.87N/0680321.44W (5.43)		574 FENCE (23-053097) 464216.90N/0680314.17W (5.37)
550 TERRAIN (23-051420) 464208.90N/0680312.83W (5.15)	644 TREE (23-051846) 464239.40N/0680324.55W (5.15)		610 TERRAIN (23-052231) 464229.29N/0680315.21W (5.07)	632 TREE (23-051587) 464235.03N/0680325.77W (5.15)		548 TERRAIN (23-053534) 464208.47N/0680311.90W (4.86)
674 TREE (23-051623) 464250.43N/0680321.81W (4.69)	571 TERRAIN (23-051194) 464215.68N/0680316.33W (4.8)		616 TREE (23-051569) 464229.83N/0680324.82W (4.64)	672 TREE (23-051899) 464249.77N/0680321.68W (4.66)		633 TREE (23-053890) 464235.74N/0680324.96W (4.51)
553 TERRAIN (23-052817) 464210.05N/0680313.47W (4.5)	650 TREE (23-052951) 464242.03N/0680322.42W (4.64)		549 TERRAIN (23-053035) 464209.15N/0680311.30W (4.2)	567 FENCE (23-052508) 464215.14N/0680312.11W (4.5)		568 FENCE (23-053705) 464215.55N/0680312.71W (4.01)
650 VEGETATION (23-051860) 464243.00N/0680318.37W (3.89)	572 TERRAIN (23-053990) 464216.32N/0680315.56W (4.34)		545 TERRAIN (23-051631) 464207.71N/0680312.36W (3.82)	555 TERRAIN (23-053823) 464210.97N/0680312.93W (4.12)		567 FENCE (23-053440) 464215.33N/0680312.39W (3.81)
569 FENCE (23-051864) 464215.93N/0680313.19W (3.67)	570 FENCE (23-053038) 464216.17N/0680313.45W (3.84)		550 TERRAIN (23-052050) 464209.23N/0680314.04W (3.58)	545 TERRAIN (23-051375) 464207.99N/0680310.77W (3.82)		567 FENCE (23-053440) 464215.33N/0680312.39W (3.81)



AIRPORT ID KPQI	PROCEDURE NAME RNAV (GPS) RWY 19	AMDT NO. 1A	CITY PRESQUE ISLE	STATE ME	AIRPORT ELEVATION 534	FACILITY RNAV
551 TERRAIN (23-053526) 464209.45N/0680314.87W (3.53)			658 TREE (23-053955) 464245.81N/0680318.87W (3.52)			
565 FENCE (23-053809) 464214.86N/0680311.71W (3.51)			564 FENCE (23-051210) 464214.59N/0680311.31W (3.49)			
568 FENCE (23-052365) 464215.70N/0680312.92W (3.47)			556 TERRAIN (23-051878) 464211.38N/0680313.87W (3.46)			
595 TERRAIN (23-051520) 464225.17N/0680312.38W (3.4)			548 TERRAIN (23-052649) 464208.54N/0680314.51W (3.34)			
550 TERRAIN (23-052572) 464209.95N/0680310.45W (3.32)			577 TERRAIN (23-051344) 464218.49N/0680315.13W (3.29)			
563 FENCE (23-051613) 464214.37N/0680310.99W (3.29)			673 TREE (23-051178) 464250.53N/0680322.20W (3.21)			
570 FENCE (23-052020) 464216.40N/0680313.68W (3.06)			615 TREE (23-053456) 464229.70N/0680326.71W (3.06)			
571 FENCE (23-053027) 464216.70N/0680313.98W (3.05)			546 TERRAIN (23-051730) 464208.74N/0680310.01W (3.04)			
641 TREE (23-052267) 464239.10N/0680324.52W (3.03)			562 FENCE (23-053868) 464214.17N/0680310.69W (3.02)			
673 TREE (23-053911) 464250.66N/0680321.88W (2.99)			577 TERRAIN (23-052904) 464218.05N/0680318.33W (2.94)			
548 TERRAIN (23-053350) 464209.56N/0680309.56W (2.9)			542 TERRAIN (23-053624) 464207.05N/0680312.18W (2.82)			
561 FENCE (23-052480) 464213.95N/0680310.39W (2.8)			542 TERRAIN (23-051221) 464207.68N/0680308.70W (2.76)			
553 TERRAIN (23-051471) 464210.49N/0680314.41W (2.76)			542 TERRAIN (23-052164) 464207.52N/0680309.63W (2.75)			
577 TERRAIN (23-052871) 464218.39N/0680316.79W (2.74)			542 TERRAIN (23-051488) 464207.18N/0680311.61W (2.73)			
675 TREE (23-053950) 464251.53N/0680321.40W (2.72)			613 TERRAIN (23-053178) 464230.71N/0680317.71W (2.71)			
571 TERRAIN (23-051353) 464216.66N/0680314.87W (2.71)			544 TERRAIN (23-053743) 464207.45N/0680314.09W (2.7)			
557 TERRAIN (23-053960) 464212.16N/0680312.97W (2.66)			579 TERRAIN (23-053901) 464219.38N/0680315.29W (2.64)			
557 TERRAIN (23-051918) 464211.35N/0680317.69W (2.61)			542 TERRAIN (23-052906) 464206.74N/0680314.47W (2.55)			
674 TREE (23-051927) 464251.24N/0680321.45W (2.54)			593 TRAVERSE_WAY (23-052028) 464224.09N/0680316.42W (2.47)			
544 TERRAIN (23-051265) 464208.51N/0680308.92W (2.26)			669 TREE (23-053313) 464249.57N/0680321.71W (2.23)			
561 TERRAIN (23-052438) 464212.82N/0680317.97W (2.22)			549 TERRAIN (23-051924) 464209.06N/0680315.75W (2.21)			
572 TERRAIN (23-053047) 464215.99N/0680321.69W (2.19)			547 TERRAIN (23-053961) 464208.42N/0680315.55W (2.15)			
553 TERRAIN (23-053380) 464210.57N/0680315.23W (2.11)			545 TERRAIN (23-051572) 464207.80N/0680315.40W (2.02)			
646 TERRAIN (23-052057) 464242.03N/0680319.81W (1.96)			558 TERRAIN (23-053985) 464212.54N/0680314.34W (1.87)			
642 TREE (23-053156) 464239.98N/0680323.83W (1.84)			567 TERRAIN (23-053525) 464216.10N/0680311.92W (1.82)			
539 TERRAIN (23-052731) 464206.69N/0680310.29W (1.82)			551 TERRAIN (23-051759) 464209.86N/0680315.97W (1.78)			
565 TERRAIN (23-052638) 464214.44N/0680317.56W (1.76)			589 TREE (23-020682) 464221.13N/0680326.79W (1.76)			
556 TERRAIN (23-052368) 464211.76N/0680315.10W (1.74)			552 TERRAIN (23-051827) 464211.14N/0680310.86W (1.68)			
664 TREE (23-053361) 464248.19N/0680320.83W (1.66)			554 TERRAIN (23-051511) 464210.95N/0680315.95W (1.65)			

QUALITY

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3.0



AIRPORT ID KPQI	PROCEDURE NAME RNAV (GPS) RWY 19	AMDT NO. 1A	CITY PRESQUE ISLE	STATE ME	AIRPORT ELEVATION 534	FACILITY RNAV
631 TREE (23-053245) 464235.97N/0680325.42W (1.61)	672 TREE (23-053744) 464250.78N/0680322.13W (1.52)					
549 TERRAIN (23-053763) 464210.34N/0680309.86W (1.5)	577 TERRAIN (23-052336) 464219.34N/0680313.84W (1.49)					
670 TREE (23-052011) 464250.12N/0680322.10W (1.44)	554 TERRAIN (23-052486) 464211.73N/0680311.92W (1.44)					
558 TERRAIN (23-051281) 464213.05N/0680312.30W (1.43)	573 TERRAIN (23-052658) 464217.49N/0680316.90W (1.28)					
607 TERRAIN (23-051616) 464229.36N/0680316.57W (1.18)	560 TERRAIN (23-052143) 464213.64N/0680313.38W (1.18)					
571 TERRAIN (23-052155) 464217.69N/0680312.36W (1.01)	673 TREE (23-052708) 464251.53N/0680320.87W (0.99)					
616 TREE (23-053510) 464231.11N/0680324.79W (0.96)	671 TREE (23-052119) 464251.02N/0680319.91W (0.95)					
561 TERRAIN (23-051604) 464213.80N/0680314.93W (0.94)	551 TERRAIN (23-053251) 464211.19N/0680310.12W (0.91)					
672 TREE (23-051781) 464251.03N/0680321.93W (0.9)	577 TERRAIN (23-051171) 464219.67N/0680313.18W (0.88)					
563 TERRAIN (23-053553) 464214.64N/0680314.24W (0.86)	615 TREE (23-052091) 464230.82N/0680324.79W (0.8)					
612 TREE (23-052288) 464229.83N/0680324.53W (0.79)	587 TERRAIN (23-053340) 464223.24N/0680312.76W (0.78)					
555 TERRAIN (23-052185) 464212.44N/0680311.20W (0.75)	578 TERRAIN (23-052131) 464219.85N/0680314.40W (0.74)					
584 TERRAIN (23-051299) 464222.42N/0680311.75W (0.66)	561 TERRAIN (23-051668) 464214.25N/0680312.96W (0.64)					
673 TREE (23-051879) 464251.50N/0680321.74W (0.64)	568 TERRAIN (23-053948) 464216.85N/0680312.01W (0.61)					
610 TREE (23-052548) 464228.18N/0680330.47W (0.54)	614 TREE (23-052112) 464231.00N/0680322.35W (0.52)					
574 TERRAIN (23-052534) 464218.76N/0680313.39W (0.4)	576 TERRAIN (23-053455) 464218.71N/0680317.66W (0.38)					
557 TERRAIN (23-053425) 464212.37N/0680316.41W (0.31)	564 TERRAIN (23-051789) 464215.03N/0680315.25W (0.22)					
557 TERRAIN (23-052758) 464213.39N/0680311.00W (0.11)	564 TERRAIN (23-053226) 464215.31N/0680313.92W (0.09)					
647 TREE (23-052517) 464242.76N/0680321.36W (0.07)	560 TERRAIN (23-051152) 464213.49N/0680316.46W (0.06)					
616 TREE (23-052397) 464231.42N/0680324.83W (0.05)	553 TERRAIN (23-053579) 464212.18N/0680310.13W (0.05)					
646 TREE (23-051244) 464242.29N/0680322.15W (0.02)						

PENETRATIONS REMARKS:
TARGETS-IDENTIFIED 20:1 PENETRATIONS THAT ARE FIXED-BY-FUNCTION AND EXCLUDED FROM LNAV AND CIRCLING RWY 19: 541 LIGHTING (23-051873) 464205.81N/0680309.10W (6.93) 541 LIGHTING (23-052409) 464205.08N/0680313.27W (6.92)

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOULTON ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV AND CIRCLING VISIBILITY CATS B/C/D 1/2 SM

APPROVAL LETTER: VDA BELOW VGSI ANGLE

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KPQI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>AMDT NO.</u> 1A	<u>CITY</u> PRESQUE ISLE	<u>STATE</u> ME	<u>AIRPORT ELEVATION</u> 534	<u>FACILITY</u> RNAV
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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	4.10
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.82
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	165.66
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	9.10
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	7.55
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	165.63
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD
COORDINATES
(IF STR-IN)

464203.52N/0680310.48W

ARP COORDINATES

464120.27N/0680241.25W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 19 DISTANCE 0.80 NM

FAF
COORDINATES

464621.04N/0680446.16W

FIX NAME
COORDINATES

IAF BICMU: 465426.82N/0675414.61W, IF/IAF VEGGS: 465213.61N/0680657.58W, IAF CESUG: 464958.99N/0681939.50W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
16
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> KELLY CARLSON	<u>OFFICE</u> AJV-A412	<u>DATE</u> 09/13/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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