

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</u> TROY MUNI AT N KENNETH CAMPBELL FIELD	<u>AIRPORT ID</u> KTOI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> TROY	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 397	<u>TDZE</u> 393	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 237/30 CW 057/30	NOPT	IGUBE	IF/IAF	2600
2. 057/30 CW 237/30		057/15 CW 237/15		3500
3. 057/15 CW 237/15		IGUBE	IAF	2600

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
IGUBE	IF/IAF	JALOV		TF	FB	1.00	326.99	6.10	2200
JALOV	FAF	RECRO/2.30 NM TO RW32		TF	FB	0.30	326.95	2.79	
RECRO/2.30 NM TO RW32		RW32	MAP	TF	FO	0.30	326.95	2.30	
RW32	MAP	1200 MSL		CA			326.95		1200
1200 MSL		IGUBE		DF	FO	1.00			2600

**MISSED APPROACH**

**MAP:**

LP: RW32  
LNAV: RW32

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2600 DIRECT IGUBE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
21  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE IGUBE, RT, 326.99 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 326.95FAF: JALOVDIST FAF TO MAP: 5.09DIST FAF TO THLD: 5.09

4. MIN ALT: IGUBE 2600, JALOV 2200, RECRO/2.30 NM TO RW32 1220

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:MM:IM:

6. MIN GP INCPT:GP ALT AT FAF :OM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: RWY 32 STRAIGHT-IN AND CIRCLING AND CIRCLING RWY 14 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART: ASR/PAR.  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.  
CHART A-211  
WAAS CHANNEL #53506  
REFERENCE PATH ID: W32A  
CHART FAS OBST: 686 TOWER 314948N/0855838W.  
LTP HAE: 84.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1000-3, 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
LP MDA	940	1	547	940	1	547	940	1 5/8	547	940	1 5/8	547			
LNAV MDA	960	1	567	960	1	567	960	1 3/4	567	960	1 3/4	567			
CIRCLING	1000	1	603	1000	1	603	1300	2 3/4	903	1380	3	983			



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
TROY MUNI AT N KENNETH CAMPBELL FIELD	KTOI	RNAV (GPS) RWY 32	1C	TROY	AL

**CHANGES - REASONS**

- AIRPORT NAME UPDATED FROM TROY MUNI AIRPORT AT N KENNETH CAMPBELL FIELD TO TROY MUNI AT N KENNETH CAMPBELL FIELD. - AS PUBLISHED IN AIRNAV.
- ALL CHANGES INCORPORATED FROM P-NOTAM AMDT 1A AND 1B. - IAW 8260.19H PARA 8-3-4 C(3).
- ADDED PROFILE LINE 7: 20:1 IS NOT CLEAR. - 20:1 PENETRATIONS DOCUMENTED.
- REMOVED CHART NOTE: DME/DME RNP-0.3 NA. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - IAW 8260.58A TABLE 1-2-1.
- UPDATED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - IAW 8260.19H 8-6-11 K(3).
- REMOVED CHART NOTE: ALTERNATE ALTIMETER NOTE. - MOVED TO 8260-9 FOR CONTINGENCY USE.
- PROFILE LINE 2: HOLD-IN-LIEU MAX ALTITUDE 6000 ADDED. - MAX ALTITUDES MUST BE DOCUMENTED IAW 8260.19H PARA 8-6-7 B(2).
- CHANGED ALTERNATE MINS FROM "STANDARD" TO "STANDARD - CAT C 1000-2 3/4, CAT D 1000-3." - IAW 8260.3D 3-4-1 A(3).

**COORDINATED WITH:**

**A4A** ☐    **ALPA** ☒    **AOPA** ☒    **APA** ☐    **HAI** ☐    **NBAA** ☒    **OTHER:** ZTL, ZJX, OZR APP CON, KTOI ATCT, ARPT MGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**

**DATE**

*Digitally signed by*  
**DAVID TEFFETELLER**  
Apr 01, 2020

**DEVELOPED BY**

WARDELL HENNING (BARBARA GORMAN)

*Digitally signed by*

**DAVID TEFFETELLER**

Apr 01, 2020

**OFFICE**

AJV-A432

**DATE**

12/10/2019

**APPROVED BY**

GEORGE DAVIS

*Digitally signed by*

**DAVID TEFFETELLER**

Apr 01, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

QUALITY  
21  
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
TROY MUNI AT N KENNETH CAMPBELL FIELD	KTOI	RNAV (GPS) RWY 32	1C	TROY	AL

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTOI
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	315114.9715N
LTP/FTP LONGITUDE	0860018.3290W
LTP/FTP ELLIPSOIDAL HEIGHT	+00847
FPAP LATITUDE	315226.2020N
FPAP LONGITUDE	0860121.4165W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1216
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	527911D9

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01113
FPAP ORTHOMETRIC HEIGHT	+01113



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
TROY MUNI AT N KENNETH CAMPBELL FIELD	KTOI	RNAV (GPS) RWY 32	1C	TROY	AL	397	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
237/30 CW 057/30

TO  
IGUBE

<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>
1.TOWER (01-000529)	312442.00N/0855733.00W		1440	500	50	5D	1000				AT160	2600
2.TERRAIN	315626.26N/0852704.51W		700 (700)								AS1500	2200

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

STRAIGHT-IN AREA

FROM  
057/30 CW 237/30

TO  
057/15 CW 237/15

<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>
3.TOWER (01-000630)	315829.00N/0860944.00W	2467	500	50	5D	1000					3500
2.TERRAIN	315626.26N/0852704.51W	700 (700)								AS1500	2200

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



STRAIGHT-IN AREA

FROM  
057/15 CW 237/15

TO  
IGUBE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
4.TOWER (01-001048)	314826.00N/0855937.00W		1019	500	50	5D	1000				AT581	2600
5.TERRAIN	315550.76N/0860331.37W		675 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM  
IGUBE (IF/IAF)

TO  
JALOV

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
6.10												
<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>
6.TOWER (01-001321)	314655.99N/0855615.43W		902	20	3	1A	500				AT798	2200
7.TERRAIN	314530.00N/0855348.00W		565 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP

FROM

JALOV

TO

RECRO/2.30 NM TO RW32

RNP	DISTANCE 2.79	PAT	MAP		HAT		HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.TOWER (01-000605)	314808.90N/0855727.42W		813	20	3	1A	250				RA100 DG57	1220

COMPUTATIONS

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

FINAL: LP STEPDOWN

FROM

RECRO/2.30 NM TO RW32

TO

RW32

<u>RNP</u>	<u>DISTANCE</u> 2.30	<u>PAT</u>	<u>MAP</u> RW32	<u>HAT</u> 547			<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>
9.TOWER (01-003157)	314947.68N/0855838.44W		686	20	3	1A	250					940

COMPUTATIONS

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



FINAL: LNAV

FROM

JALOV

TO

RECRO/2.30 NM TO RW32

<u>RNP</u>	<u>DISTANCE</u> 2.79	<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>
8.TOWER (01-000605)	314808.90N/0855727.42W		813	20	3	1A	250				RA100 DG57	1220

COMPUTATIONS

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

FINAL: LNAV STEPDOWN

FROM

RECRO/2.30 NM TO RW32

TO

RW32

<u>RNP</u>	<u>DISTANCE</u> 2.30	<u>PAT</u>	<u>MAP</u> RW32	<u>HAT</u> 567			<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>
9.TOWER (01-003157)	314947.68N/0855838.44W		686	20	3	1A	250				XP24	960

COMPUTATIONS

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

LNAV FINAL XP: CANNOT PUBLISH SAME MDA AS LP FINAL.





HOLD-IN-LIEU OF PT

FROM  
IGUBE

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
10.TOWER (01-000678)	314636.00N/0855242.00W		874	500	50	5D	1000				AT726	2600
11.TERRAIN	314530.00N/0855348.00W		565 (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 : LP

FROM  
RW32

TO  
IGUBE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 840					
<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				2600
4.TOWER (01-001048)	314826.00N/0855937.00W		1019	500	50	5D	1000					2100
12.TERRAIN	315424.00N/0860327.00W		617 (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

FROM

RW32

TO

IGUBE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 860					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2600
4.TOWER (01-001048)	314826.00N/0855937.00W		1019	500	50	5D	1000					2100
12.TERRAIN	315424.00N/0860327.00W		617 (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											
13.TOWER (01-002288)	315255.00N/0855957.00W	1.30	603	640	20	50	1D	300		AC50	1000
CATEGORY B											
13.TOWER (01-002288)	315255.00N/0855957.00W	1.82	603	640	20	50	1D	300		AC50	1000
CATEGORY C											
14.TOWER (01-001583)	314838.80N/0860127.70W	2.86	903	991	50	20	2C	300			1300
CATEGORY D											
4.TOWER (01-001048)	314826.00N/0855937.00W	3.74	983	1019	500	50	5D	300		AC50	1380

CIRCLING REMARKS:



<u>AIRPORT</u> TROY MUNI AT N KENNETH CAMPBELL FIELD	<u>AIRPORT ID</u> KTOI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1C	<u>CITY</u> TROY	<u>STATE</u> AL	<u>AIRPORT ELEVATION</u> 397	<u>FACILITY</u> RNAV
<u>CENTER</u>		<u>RADIUS</u>					
<u>MSA REMARKS:</u>							
<u>NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:</u>							
FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.							
LPV AND LNAV/VNAV NOT DEVELOPED DUE TO GQS PENETRATIONS WITH 3.30/50: 430 TREE (01-027623) 315103.13N/0860011.73W (15.00) 417 TREE (01-029313) 315106.35N/0860008.86W (6.25) 415 TREE (01-029314) 315104.99N/08660010.95W (4.21)							
RETAINED 3.3 DEGREE DESCENT ANGLE TO MATCH PREVIOUS PROCEDURE, NO REQUEST TO CHANGE PER CHECKLIST.							
MISSED APPROACH MINIMUM LEG LENGTH VERIFIED USING IPDS 2.0 AT 250K AND 25 DEGREE BANK ANGLE.							
100' TREE HEIGHT APPLIED PER FPT.							
<div>QUALITY 21 CHECKED</div>							

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Electronic Version

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<u>AIRPORT</u> TROY MUNI AT N KENNETH CAMPBELL FIELD	<u>AIRPORT ID</u> KTOI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1C	<u>CITY</u> TROY	<u>STATE</u> AL	<u>AIRPORT ELEVATION</u> 397	<u>FACILITY</u> RNAV
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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZTL ARTCC, TOI TOWER, OZR APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KTOI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTOI	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KMGM	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMGM	<u>DISTANCE</u> 32.77	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 100

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KTOI 397, KMGM 221  
RA = 99.9.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - MIRL (PCL), PAPI-4L (PCL)	NPI-F	
RW14 - MIRL (PCL)	NPI-P	
RW32 - MIRL (PCL)	NPI-P	
RW25 - MIRL (PCL)	PIR-F	

<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>
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FINAL APPROACH COURSE AIMING  
RUNWAY THRESHOLD ☒ FT FROM THRESHOLD  
ON CENTERLINE ☒ FT FROM CENTERLINE  
DISPLACED THRESHOLD DISTANCE

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 14

QUALITY  
21  
CHECKED

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

Electronic Version

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AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
TROY MUNI AT N KENNETH CAMPBELL FIELD	KTOI	RNAV (GPS) RWY 32	1C	TROY	AL	397	RNAV
20:1							
498 TREE (01-029020) 315209.13N/0860103.93W (25.13)			514 TREE (01-028878) 315213.02N/0860104.21W (24.72)				
505 TREE (01-027310) 315211.36N/0860103.69W (23.76)			536 TREE (01-029192) 315212.86N/0860113.73W (22.61)				
546 TREE (01-029420) 315219.65N/0860108.26W (19.46)			536 TREE (01-029390) 315212.99N/0860115.19W (18.29)				
532 TREE (01-027736) 315212.31N/0860114.80W (18.05)			446 TREE (01-027466) 315201.10N/0860103.55W (6.48)				
521 TREE (01-029195) 315214.15N/0860112.85W (4.7)			405 VEGETATION (01-028918) 315156.60N/0860056.19W (2.76)				
404 TERRAIN (01-028919) 315157.77N/0860054.44W (1.59)			539 TREE (01-028687) 315220.64N/0860110.93W (1.53)				
408 VEGETATION (01-028922) 315156.59N/0860057.91W (1.33)			408 VEGETATION (01-028923) 315158.83N/0860054.50W (1.16)				
411 VEGETATION (01-027339) 315158.26N/0860056.86W (0.32)							
Final Type	LP AND LNAV						
20:1							
430 TREE (01-027623) 315103.13N/0860011.73W (10.01)			431 TREE (01-029215) 315102.55N/0860011.99W (9.34)				
421 TREE (01-029317) 315103.49N/0860012.61W (4.75)			417 TREE (01-029313) 315106.35N/0860008.86W (2.52)				
430 TREE (01-027625) 315101.19N/0860011.58W (1.8)			415 TREE (01-029314) 315104.99N/0860010.95W (0.48)				
Final Type	LP AND LNAV						
34:1							
606 TREE (01-028729) 315020.24N/0855916.63W (22.63)			602 TREE (01-027945) 315021.85N/0855914.94W (19.86)				
419 TREE (01-027624) 315104.56N/0860006.79W (17.44)			414 TREE (01-029216) 315103.73N/0860009.93W (15.28)				
454 TREE (01-028324) 315055.10N/0855956.73W (14.63)			409 TREE (01-029316) 315107.01N/0860007.35W (14.11)				
455 TREE (01-027635) 315054.99N/0855955.70W (13.79)			417 TREE (01-027626) 315103.59N/0860007.03W (13.51)				
434 TREE (01-027821) 315059.95N/0860001.04W (12.72)			414 TREE (01-029221) 315102.13N/0860009.81W (11.3)				
444 TREE (01-028319) 315057.85N/0855956.37W (10.6)			416 TREE (01-045925) 315103.26N/0860005.88W (9.97)				
428 TREE (01-028399) 315101.33N/0860001.02W (9.96)			449 TREE (01-028325) 315056.02N/0855955.01W (9.18)				
426 TREE (01-028401) 315100.96N/0860001.06W (7.14)			407 TREE (01-029219) 315105.70N/0860006.11W (7.11)				
452 TREE (01-028342) 315054.74N/0855952.10W (4.69)			409 TREE (01-027627) 315101.87N/0860008.75W (4.06)				
413 TREE (01-028535) 315101.42N/0860006.81W (4.03)			430 TREE (01-027822) 315058.24N/0860000.51W (3.85)				
375 BUILDING (01-027765) 315113.10N/0860013.41W (3.82)			374 BUILDING (01-029339) 315111.23N/0860016.30W (2.81)				
374 BUILDING (01-029340) 315112.12N/0860014.92W (2.81)			415 TREE (01-027817) 315101.74N/0860004.12W (2.67)				
417 TREE (01-028539) 315058.31N/0860008.11W (2.64)			372 BUILDING (01-027766) 315110.43N/0860017.54W (0.81)				

QUALITY

21

CHECKED



445 TREE (01-028340) 315054.30N/0855954.48W (0.29)

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

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

**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - 20:1 OBSTACLES EXIST.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY ALTIMETER NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTGOMERY RGNL (DANNELLY FIELD) ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET; INCREASE LP AND LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 SM.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> TROY MUNI AT N KENNETH CAMPBELL FIELD	<u>AIRPORT ID</u> KTOI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1C	<u>CITY</u> TROY	<u>STATE</u> AL	<u>AIRPORT ELEVATION</u> 397	<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	3.09
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	322.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	4.89
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	322.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD  
COORDINATES  
(IF STR-IN)

315114.97N/0860018.33W

ARP COORDINATES

315136.00N/0860050.00W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 7 DISTANCE 0.66 NM

FAF  
COORDINATES

314710.55N/0855642.11W

FIX NAME  
COORDINATES

REMARKS

THREE SECTOR TAA CENTERED ON IAF IGUBE 314217.73N/0855223.62W, 30NM RADIUS.

QUALITY

21

CHECKED

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<u>AIRPORT</u> TROY MUNI AT N KENNETH CAMPBELL FIELD	<u>AIRPORT ID</u> KTOI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1C	<u>CITY</u> TROY	<u>STATE</u> AL	<u>AIRPORT ELEVATION</u> 397	<u>FACILITY</u> RNAV
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PART E: PREPARED BY

<u>NAME</u> WARDELL HENNING (BARBARA GORMAN)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 12/10/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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QUALITY  
21  
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