

**FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE**

**TITLE 14 CFR PART 97.23**

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>AIRPORT</u> TYLER POUNDS RGNL	<u>AIRPORT ID</u> KTYR	<u>PROCEDURE NAME</u> VOR RWY 31	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> TYLER	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 544	<u>TDZE</u> 544	<u>SUPERSEDED</u> VOR RWY 31	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 6E
<u>FACILITY</u> TYR	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 11/08/18	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
FZT VOR/DME		WHOSE INT/TYR 11.34 DME					051.95	17.74	3000
GGG VORTAC	IAF	WHOSE INT/TYR 11.34 DME	NOPT				238.67	26.93	3000
WHOSE INT/TYR 11.34 DME	IF	TROUP INT/TYR 4.97 DME					304.99	6.37 (TYR R-125)	2000

**MISSED APPROACH**

**MAP:**

4.76 NM AFTER TROUP INT/TYR 4.97 DME OR AT GOVEC/0.57 DME FIX

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2200 ON TYR VOR/DME R-311 TO INDOO LOM INT/4.90 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT R    **SIDE OF COURSE** 124.99    **OUTBOUND** 3000    **FT WITHIN** 10    **MILES OF** WHOSE (IAF)
- 2.
3. **FAC:** 304.99    **FAF:** TROUP INT/TYR 4.97 DME    **DIST FAF TO MAP:** 4.76    **DIST FAF TO THLD:** 4.76
4. **MIN ALT:** WHOSE INT/TYR 11.34 DME 3000, TROUP INT/TYR 4.97 DME 2000, ZONAP/TYR 2.17 DME 1100
8. **MSA FROM:** TYR VOR/DME 3100

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED

**ADDITIONAL FLIGHT DATA:**



FAC 698 FT L OF RWY C/L EXTENDED 3000 FT FROM THLD.  
CHART CIRCLING ICON.  
TROUP TO RW31: 3.00/54.  
CHART VDP AT 1.51 DME  
DISTANCE VDP TO THLD 0.95 NM  
CHART FAS OBST: 649 TREE 322113N/0952256W.  
HOLD NW, RT, 130.96 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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
S-31	1100	1	556	1100	1	556	1100	1 5/8	556	1100	1 5/8	556			
CIRCLING	1100	1	556	1100	1	556	1160	1 3/4	616	1280	2 1/4	736			
ZONAP FIX MINIMUMS (DME REQUIRED)															
S-31	900	1	356	900	1	356	900	1	356	900	1	356			
CIRCLING	980	1	436	1020	1	476	1160	1 3/4	616	1280	2 1/4	736			

CHANGES - REASONS

1. REMOVED BU ALTIMETER CHART NOTE - IAW 8260.19 PARA 8-6-9.
2. LOWERED S-31 ZONAP FIX MINIMUMS FROM 1000 TO 900-NEW IAPA EVALUATION.
- 3.LOWERED CAT A CIRCLING FROM 1000 TO 980, RAISED CAT B CIRCLING FROM 1100 TO 1120- NEW CIRCLING AREA CRITERIA APPLIED.
4. RAISED CAT C CIRCLING FROM 1100 TO 1160- RAISED CAT D CIRCLING FROM 1120 TO 1280- NEW CIRCLING AREA CRITERIA APPLIED.
5. REMOVED INOP ODALS NOTE - ODALS NO LONGER INSTALLED.
6. CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10.
7. CHANGED ALTERNATE MINIMUMS FROM STANDARD TO CAT D 800-2 ¼ - IAW 8260.3 PARA. 3-4-1.
8. CHANGED VDP DISTANCES, TYR TO VDP FROM 1.83 DME TO 1.51 DME, THLD TO VDP FROM 1.27 DME TO 0.95 DME- MDA. CHANGED FROM 1000 TO 900.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: AMGR, ZFW, GGG APP CON, TYR ATCT, ST AV DIR.

FLIGHT CHECKED BY

PENDING

Digitally signed by

DEZ SILAGYI

Aug 29, 2018

OFFICE

DATE

DEVELOPED BY

LONNIE EVERHART (JANTZEN TAYLOR)

Digitally signed by

DEZ SILAGYI

Aug 29, 2018

OFFICE

AJV-5400

DATE

06/08/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by

DEZ SILAGYI

Aug 29, 2018

OFFICE

AJV-5400

DATE

TITLE

MANAGER

QUALITY  
41  
CHECKED

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

<u>AIRPORT</u>	<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>
TYLER POUNDS RGNL	KTYR	VOR RWY 31	3	TYLER	TX	544	TYR

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM  
FZT VOR/DME

TO  
WHOSE INT/TYR 11.34 DME

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

   17.74

<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 (48-009217)	320838.99N/0951959.59W	1046	20	3	1A	1000				AT954	3000
2.TERRAIN	320739.00N/0953339.00W	640 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT  
REMARKS:

INITIAL

FROM  
GGG VORTAC

TO  
WHOSE INT/TYR 11.34 DME

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

   26.93

<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 (48-004875)	321536.39N/0945703.22W	1720	20	10	1B	1000				AT280	3000
4.TERRAIN	322238.00N/0954823.00W	698 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT  
REMARKS:







PROCEDURE TURN

FROM

WHOSE

TO

10 NM

<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>
11.TOWER (48-005450)	320341.00N/0951851.00W	2049	500	50	5D	1000				SA-851 AT802	3000
12.TERRAIN	320401.00N/0951654.00W	698 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT  
REMARKS:

MISSED APPROACH

FROM

4.76 NM AFTER TROUP INT/TYR 4.97 DME OR AT GOVEC/0.57 DME FIX

TO

INDOO LOM/4.90 DME

<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>
							ASC				2200
13.AAO	322438.34N/0952826.48W	759	50	20	2C	1000					1800
14.TERRAIN	322054.00N/0952445.00W	568 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT  
REMARKS:



<u>AIRPORT</u>	<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>
TYLER POUNDS RGNL	KTYR	VOR RWY 31	3	TYLER	TX	544	TYR

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
<b>CATEGORY A</b>											
15.TOWER (48-111692)	322015.56N/0952558.21W	1.30	556/436	669	20	3	1A	300		SI	1100/980
<b>CATEGORY B</b>											
16.TOWER (48-111693)	321926.39N/0952349.90W	1.82	556/476	710	20	3	1A	300		SI	1100/1020
<b>CATEGORY C</b>											
17.TOWER (48-001119)	322253.00N/0952053.00W	2.87	616/616	795	250	50	4D	300		AC50	1160/1160
<b>CATEGORY D</b>											
18.TOWER (48-008639)	322511.12N/0952248.44W	3.74	736/736	926	500	50	5D	300		AC50	1280/1280

CIRCLING REMARKS:

**MSA**

<u>CENTER</u>	<u>RADIUS</u>
TYR VOR/DME	25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (48-005450)	320341.00N/0951851.00W	160	18.2	2049	500	50	5D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

**PART B: SUPPLEMENTAL DATA**

COMMUNICATIONS WITH

GGG APP CON, TYR TOWER, ZFW ARTCC





<u>AIRPORT</u>	<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>
TYLER POUNDS RGNL	KTYR	VOR RWY 31	3	TYLER	TX	544	TYR

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

and/or

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

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
CONTINGENCY ALTIMETER NOTES:  
NOTE: USE LONGVIEW ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE S-31 CAT C/D VISIBILITY 1/8 SM, ZONAP FIX MINIMUMS CAT C 3/8 SM CAT D MINIMUMS NA. INCREASE CIRCLING VISIBILITY CAT C 1/4 SM AND CAT D 1/2 SM.  
NOTE: VDP NA  
NOTE MINIMUM ALTITUDE AT ZONAP 1220.  
ORDER 8260.3, VOLUME 1, 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	MAP	TO 1000FT POINT	3.43
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.40
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	304.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	360
DISTANCE FROM	MAP	TO 1500FT POINT	8.97
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	5.14
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	304.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	637

THRESHOLD  
COORDINATES  
(IF STR-IN)322103.90N/0952336.73W

ARP COORDINATES322112.80N/0952410.70W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARPRUNWAY 4 DISTANCE 0.99 NM

FAF  
COORDINATES321804.99N/0951946.84W

FIX NAME  
COORDINATES

REMARKS  
NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT</u>	<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>
TYLER POUNDS RGNL	KTYR	VOR RWY 31	3	TYLER	TX	544	TYR

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART (JANTZEN TAYLOR)	AJV-5400	06/08/2018	AERONAUTICAL INFORMATION SPECIALIST

