

**FEDERAL AVIATION ADMINISTRATION
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.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
BYI	VOR-A	6	BURLEY	ID	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
4154		VOR-A	12/07/2017	18E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
BYI			ROUTINE		

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>
TWF VORTAC	IAF	HAZZL INT/BYI 9.94 DME	NOPT				044.00 (TWF R-044)	20.83	6000
JEROT INT/BYI 27.58 DME	IAF	HAZZL INT/BYI 9.94 DME	NOPT				094.00 (BYI R-274)	17.63	6000
HAZZL INT/BYI 9.94 DME	IF	BYI VOR/DME					094.00 (BYI R-274)	9.94	6000

MISSED APPROACH

MAP:

4.40 NM AFTER BYI VOR/DME OR AT ZOKID/BYI 4.40 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 THEN CLIMBING LEFT TURN TO 6600 DIRECT BYI VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** R **SIDE OF COURSE** 274.00 **OUTBOUND** 6300 **FT WITHIN** 10 **MILES OF** BYI VOR/DME (IAF)
2.
3. **FAC:** 100.32 **FAF:** BYI VOR/DME **DIST FAF TO MAP:** 4.40 **DIST FAF TO THLD:**
4. **MIN ALT:** BYI VOR/DME 6000
8. **MSA FROM:** BYI VOR/DME 090-240 11600, 240-360 6300, 360-090 7500

NOTES:

CHART NOTE: CIRCLING RWY 2, 24 NA AT NIGHT.
CHART NOTE: RWY 2, 20, 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TWF VORTAC AIRWAY RADIALS 349 CW 097.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JEROT ON V4 WESTBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TWF ALTIMETER SETTING AND INCREASE ALL MDAS 80 FT AND VISIBILITY CATS C AND D 1/4 SM.
CHART NOTE: WHEN CIRCLING RWY 20, EXHAUST STACKS LOCATED ALONG RWY 20 EXTENDED FINAL APPROACH COURSE APPROXIMATELY 2345 FT FROM APPROACH END.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 094.00 INBOUND.
FAS OBST: 4354 AAO 423445N/1135009W.
FAC CROSSES MIDPOINT OF RWY 6-24.
CHART CIRCLING ICON.



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
CIRCLING	4640	1	486	4660	1	506	4740	1 1/2	586	4780	2	626			

CHANGES - REASONS

- TERMINAL ROUTES: DELETED INITIAL SEGMENTS FROM SHONE AND ZIVEN – FPT REQUEST, NO LONGER REQUIRED.
- TERMINAL ROUTES: ADDED NEW INITIAL SEGMENT FROM JEROT – FPT REQUEST.
- TERMINAL ROUTE FROM TWF VORTAC: ADDED COURSE GUIDANCE TWF R-044 – CLARIFIES COURSE ROUTING, 8260.19J PARA 8-6-4.B.
- TERMINAL ROUTE FROM HAZZL: ADDED COURSE GUIDANCE BYI R-274 – CLARIFIES COURSE ROUTING, 8260.19J PARA 8-6-4.B.
- MISSED APPROACH INSTRUCTIONS: INCREASED MISSED ALTITUDE FROM 6000 TO 6600 AND ADDED CLIMB-IN-HOLD – AIRCRAFT ALTITUDE DID NOT REACH 6000 BY CLEARANCE LIMIT AND NEW TERRAIN/AIRSPACE EVALUATION IN HOLDING.
- PROFILE LINE 8: INCREASED MSA SECTOR 090-240 ALTITUDE FROM 11500 TO 11600 AND SECTOR 360-090 SECTOR ALTITUDE FROM 7400 TO 7500 – NEW OBSTACLE EVALUATION.
- NOTES: DELETED RWY 20 FROM CIRCLING NA AT NIGHT NOTE – ALL 20:1 PENETRATIONS ON RWY 20 ARE LIGHTED, 8260.3E PARA 3-3-2.C(4)(B).
- NOTES: ADDED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JEROT ON V4 WESTBOUND” – LIMITS ANGLE OF INTERSECTION TO 120 DEGREES, 8260.3E PARA 2-4-1.A.
- NOTES, BACKUP ALTIMETER NOTE: REFORMATTED BACKUP ALTIMETER SOURCE FROM CITY (“TWIN FALLS”) TO LOCATION ID (“TWF”) – 8260.19J PARA 8-6-12.N.
- NOTES: ADDED “CHART NOTE: WHEN CIRCLING RWY 20, EXHAUST STACKS LOCATED ALONG RWY 20 EXTENDED FINAL APPROACH COURSE APPROXIMATELY 2345 FT FROM APPROACH END” – AOPA AND FPT REQUEST, TO ENHANCE SITUATIONAL AWARENESS AND HELP MITIGATE RISK.
- ADDITIONAL FLIGHT DATA: REPLACED “CHART FAS OBST: 4333 ELEVATOR 423214N/1134819W” WITH “FAS OBST: 4354 AAO 423445N/1135009W” – NEW FINAL APPROACH CONTROLLING OBSTACLE.
- ADDITIONAL FLIGHT DATA: DELETED “4460 AAO 423406N/1135224W” – 7:1 AAO OBSTACLES NO LONGER DOCUMENTED HERE, 8260.19J, PARA 8-6-11.E(2) AND IMPLEMENTATION LETTER.
- ADDITIONAL FLIGHT DATA: DELETED “CHART BYI R-305 AT SHONE” – NO LONGER REQUIRED, INITIAL FROM SHONE WAS REMOVED.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC, TWF ATCT, TWF APP CON, AMGR

FLIGHT CHECKED BY

JOEL P MURPHY

Digitally signed by

RAKE MCGRAW

Oct 30, 2024

OFFICE

AJF

DATE

10/23/2024

DEVELOPED BY

RICHARD BRUCE

Digitally signed by

RICHARD A BRUCE

Aug 12, 2024

OFFICE

AJV-A422

DATE

08/08/2024

APPROVED BY

CASIMIR L. TABAKA

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Oct 30, 2024

OFFICE

AJV-A420

DATE

TITLE

MANAGER



**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>
BYI	VOR-A	6	BURLEY	ID	4154	BYI

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM

TWF VORTAC

TO

HAZZL INT/BYI 9.94 DME

RNP

DISTANCE

20.83

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 (16-000466)	423331.33N/1140553.10W	4703	500	50	5D	1000				AT297	6000
TERRAIN	424227.00N/1140518.00W	4435 (4400)								AS1500	5900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

JEROT INT/BYI 27.58 DME

TO

HAZZL INT/BYI 9.94 DME

RNP

DISTANCE

17.63

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 (16-000007)	424348.00N/1142455.00W	4996	100	50	3D	1000					6000
TERRAIN	424306.00N/1140527.00W	4494 (4500)								AS1500	6000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

HAZZL INT/BYI 9.94 DME

TO

BYI VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	9.94										
<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	424251.00N/1140500.00W	4689	215	8	4B	500				AT811	6000
TERRAIN	424209.00N/1140227.00W	4333 (4300)								AS1500	5800

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM

10 NM

TO

BYI VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	10.00										
<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	423530.00N/1135539.00W	4528	215	8	4B	500				AT972	6000
TERRAIN	423530.00N/1135539.00W	4327 (4300)								AS1500	5800

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

BYI VOR/DME

TO

4.40 NM AFTER BYI VOR/DME OR AT ZOKID/BYI 4.40 DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

4.40

4.40 NM AFTER BYI
VOR/DME OR AT ZOKID/BYI
4.40 DME

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	423445.00N/1135009.00W	4354	215	8	4B	250					4620

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM

BYI VOR/DME

TO

10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	424536.00N/1135430.00W	5033	215	8	4B	1000					6100
TERRAIN	424536.00N/1135430.00W	4832 (4800)								AS1500	6300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH

FROM

4.40 NM AFTER BYI VOR/DME OR AT ZOKID/BYI 4.40 DME

TO

BYI VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 4390			
<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				6600
AAO	422918.00N/1135233.00W	4505	215	8	4B	1000					5600
TERRAIN	422918.00N/1135233.00W	4304 (4300)								AS1500	5800

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											
ELEVATOR (16-000720)	423213.57N/1134818.96W	1.37	486	4333	20	3	1A	300			4640
CATEGORY B											
TOWER (16-020064)	423145.85N/1134827.92W	1.96	506	4347	20	3	1A	300			4660
CATEGORY C											
TOWER (16-000459)	423526.90N/1134646.05W	3.10	586	4413	50	20	2C	300		XP27	4740
CATEGORY D											
AAO	423006.00N/1135057.00W	4.06	626	4443	215	8	4B	300		XP37	4780

CIRCLING REMARKS:

CIRCLING CAT C, XP 27: TO MAINTAIN CURRENT MDA. CIRCLING CAT D, XP 37: TO MAINTAIN CURRENT MDA.



MSA

CENTER

BYI VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
090-240	AAO	421109.00N/1133942.00W	141	25.3	10512	215	8	4B	1000			11600
240-360	AAO	424545.00N/1135351.00W	335	11.0	5273	215	8	4B	1000			6300
360-090	AAO	422451.00N/1132806.00W	101	20.3	6480	215	8	4B	1000			7500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZLC ARTCC, TWF TOWER, TWF APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	BYI	24	BYI	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	TWF	24	TWF	31.91	Y	74

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME.
BYI 4154, TWF 4163.
RA = 73.9.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
BYI VOR/DME	POCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW06 - MIRL (PCL)	BSC-F	
RW24 - MIRL (PCL), VASI-2R	BSC-F	
RW02 - MIRL (PCL), VASI-4L	BSC-G	
01H	H-G	
RW20 - MIRL (PCL), REIL (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☐	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 20:	QUALITY 10 CHECKED
20:1		
4232 TANK (16-022201) 423256.94N/1134536.63W (9.18)	4256 STACK (16-036737) 423303.77N/1134536.68W (5.85)	
4256 STACK (16-036733) 423303.88N/1134536.58W (5.18)	4256 STACK (16-036734) 423303.99N/1134536.41W (4.35)	

<u>AIRPORT ID</u> BYI		<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> 6	<u>CITY</u> BURLEY	<u>STATE</u> ID	<u>AIRPORT ELEVATION</u> 4154	<u>FACILITY</u> BYI
4256 STACK (16-036735) 423304.10N/1134536.25W (3.54)				4256 STACK (16-036736) 423304.21N/1134536.13W (2.83)			
4256 STACK (16-036732) 423304.32N/1134535.98W (2.04)							
FINAL TYPE	CIRCLING RWY 24:						
20:1							
4161 BUILDING (16-022220) 423237.75N/1134552.96W (3.25)							
FINAL TYPE	CIRCLING RWY 2:						
20:1							
4217 POLE (16-020386) 423213.46N/1134634.41W (16.94)				4188 POLE (16-022092) 423216.02N/1134629.70W (8.94)			
4181 TRAVERSE_WAY (16-022862) 423213.76N/1134625.18W (3.14)				4182 SIGN (16-022333) 423213.35N/1134625.31W (2.19)			
4177 TRAVERSE_WAY (16-022860) 423216.09N/1134628.87W (0.11)							
<u>PENETRATIONS REMARKS:</u>							
RWY 20: ALL 20:1 PENETRATIONS ARE LIGHTED - NO RESTRICTION REQUIRED TO NIGHT OPERATIONS.							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3 CHAPTER 2 APPLIED TO 4485 AAO 423415.00N/1135221.00W.
VEGETATION HEIGHT: 100 FT.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> BYI	<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> 6	<u>CITY</u> BURLEY	<u>STATE</u> ID	<u>AIRPORT ELEVATION</u> 4154	<u>FACILITY</u> BYI
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PART D: AIRSPACE

DOCKET #NOT REQUIRED

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	FACILITY	TO 1000FT POINT	2.33
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.23
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	118.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	4300
DISTANCE FROM	FACILITY	TO 1500FT POINT	0.40
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.04
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	118.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	4300

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES423233.40N/1134617.50W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES423448.86N/1135157.09W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RICHARD BRUCE	AJV-A422	08/08/2024	AERONAUTICAL INFORMATION SPECIALIST

