

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>CRAZI ( RNAV)</b>	<b>TWO</b>	<b>CRAZI.CRAZI2</b>	<b>ONE</b>	<b>04/30/2015</b>	<b>EFF 01 FEB 2018</b>

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BYRCH	BYRCH.CRAZI2	BYRCH	BYRCH						
			TYMBR	060.52	32.66	13500			AT/ABOVE 17000
			CRAZI	061.05	24.48	13500			AT/ABOVE 16000
EDYTH	EDYTH.CRAZI2	EDYTH	EDYTH						
			CRAZI	131.51	55.67	11400			AT/ABOVE 16000
LOKOW	LOKOW.CRAZI2	LOKOW	LOKOW						
			CRAZI	097.51	53.31	11400			AT/ABOVE 16000

ARRIVAL ROUTE DESCRIPTION:

LANDING RWY 10L: FROM CRAZI ON TRACK 104.64/36.65 TO CROSS LRSUN AT 8000 AND AT 230 KIAS. EXPECT RNAV (GPS) RWY 10L OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 28R: FROM CRAZI ON TRACK 098.40/57.83 TO CROSS BBCAT AT 8000 AND AT 210 KIAS, THEN ON HEADING 098.40 OR AS ASSIGNED BY ATC. EXPECT RNAV (RNP) Z RWY 28R OR RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: GPS REQUIRED

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT CRAZI: HOLD W, RT, 097.51 INBOUND, 10 NM LEGS. CHART BIL VORTAC.

COMMUNICATIONS:

ATIS, GND CON, APP CON, TOWER.

AIRPORTS SERVED:

BILLINGS LOGAN INTL (KBIL), BILLINGS, MT

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED

REFERENCE MAGNETIC VARIATION = KBIL 10E/2020.

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<u>FLIGHT INSPECTED BY:</u>					
GARY J VEER		FICO		9/8/17	Digitally signed by <b>JOHNNIE BAKER</b>
Name		Organization		Date	Oct 10, 2017 Digitally signed by <b>JOHNNIE BAKER</b>
<u>DEVELOPED BY:</u>					
Rodney Sabino, Support Manager		Salt Lake City ARTCC		04/25/17	Oct 10, 2017 Digitally signed by <b>JOHNNIE BAKER</b>
Name		Organization		Date	Oct 10, 2017 Digitally signed by <b>JOHNNIE BAKER</b>
<u>APPROVED BY:</u>					
MARLON J. ROBINSON, MANAGER		AJV-5440			Oct 10, 2017
Name		Organization		Date	Signature

CHANGES:

1. BYRCH MOVED 2.35 NM SE.
2. REMOVED NOTE: "EXPECT RNAV (RNP) Z RWY 28R AT IGIFE . . ."
3. CRAZI MOVED 26.72 NM WEST.
4. TYMBR MOVED 19.76 NM W.
5. RWY 10L TRANSITION NOW ENDS AT LRSUN.
6. RWY 28R TRANSITION NOW ENDS AT BBCAT.
7. HOLDING PATTERN MOVED FROM SLFUR TO CRAZI AND TURN DIRECTION CHANGED FROM LEFT TO RIGHT TURNS.
8. MAGVAR UPDATED FROM 14E TO 10E/2020.
9. RYGAT, SLFUR, TYMBR TRANSITIONS REMOVED FROM PROCEDURE; REMOVED FIXES IGIFE, HYTES, WIBON, RYGAT, SLFUR FROM PROCEDURE.
10. ADDED RESTRICTIONS AT CRAZI: AT/ABOVE 16000 AND AT 270 KIAS.
11. RWY 10L ARRIVAL ROUTE DESCRIPTION CHANGED: ...RNAV (RNP) Z RWY 10L...CHANGED TO RNAV (GPS) RWY 10L.
12. REMOVED MEAS FROM RUNWAY TRANSITIONS.

REASONS:

- 1, 3. ATC REQUEST: PROVIDES LATERAL SEPARATION FROM ADJACENT SECTOR BOUNDARY. WAYPOINT NAME RETAINED DUE TO OPERATIONAL NEED.
2. NO LONGER PART OF THE PROCEDURE.
4. ATC REQUEST: PROVIDES RESTRICTION POINT FOR SEPARATION BETWEEN ZLC SECTORS 6 AND 15. WAYPOINT NAME RETAINED DUE TO OPERATIONAL NEED.
5. CONNECTING FIX TO RNAV (GPS) RWY 10L IAP.
6. CONNECTING FIX TO RNAV (RNP) Z RWY 28R IAP.
7. ATC REQUEST: PROVIDES ARRIVAL HOLDING PRIOR TO RUNWAY TRANSITIONS.
8. REQUIRED BY CRITERIA.
9. NO LONGER NEEDED.
10. ATC REQUEST: MANAGES DESCENT GRADIENT AND SEQUENCING COMPRESSION.
11. THERE IS NO RNAV (RNP) RWY 10L IAP.
12. IAW 8260.3C.

QUALITY  
14  
CHECKED

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CRAZI ( RNAV)	TWO	CRAZI.CRAZI2	ONE	04/30/2015	EFF 01 FEB 2018

  

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<b>En Route Transition</b>									
BYRCH	455309.08N / 1110137.33W	Y		IF					BYRCH.CRAZI2
TYMBR	460353.82N / 1101724.06W	Y	FB	TF	070.52	32.66	AT/ABOVE 17000		
CRAZI	461145.83N / 1094403.99W	Y	FB	TF	071.05	24.48	AT/ABOVE 16000	AT 270K	
<b>En Route Transition</b>									
EDYTH	465530.40N / 1103356.44W	Y		IF					EDYTH.CRAZI2
CRAZI	461145.83N / 1094403.99W	Y	FB	TF	141.51	55.67	AT/ABOVE 16000	AT 270K	
<b>En Route Transition</b>									
LOKOW	462811.39N / 1105715.46W	Y		IF					LOKOW.CRAZI2
CRAZI	461145.83N / 1094403.99W	Y	FB	TF	107.51	53.31	AT/ABOVE 16000	AT 270K	
<b>Runway Transition</b>									
CRAZI	461145.83N / 1094403.99W	Y		IF			AT/ABOVE 16000	AT 270K	
LRSUN	455619.39N / 1085620.05W	Y	FB	TF	114.64	36.65	AT 8000	AT 230K	
<b>KBIL:RWY 10L</b>									
<b>Runway Transition</b>									
CRAZI	461145.83N / 1094403.99W	Y		IF			AT/ABOVE 16000	AT 270K	
BBCAT	455303.81N / 1082531.12W	Y	FO	TF	108.40	57.83	AT 8000	AT 210K	
KBIL:RWY 28R				VM	108.40		AT 8000	AT 210K	