

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
LIBER (RNAV)	FOUR	CAWIN.LIBER4	THREE	06/22/2017	12 AUG 2021

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
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ARRIVAL ROUTE DESCRIPTION:

FROM CAWIN ON TRACK 000.29/48.00 TO CROSS LIBER AT OR ABOVE 8900, THEN ON TRACK 000.73/24.30 TO CROSS GLOWS AT OR ABOVE 7100.

LANDING RWY 2L: FROM GLOWS ON TRACK 346.08/6.98 TO CROSS URSAA AT OR ABOVE 5000, THEN ON TRACK 346.07/3.01 TO CROSS CILAX AT OR ABOVE 4100, THEN ON HEADING 023.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 20R: FROM GLOWS ON TRACK 021.47/25.48 TO CROSS MINRR BETWEEN 5000 AND 6500 AND AT OR BELOW 210 KIAS, THEN ON TRACK 021.62/4.79 TO CROSS HISKA AT 5000, THEN ON HEADING 023.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RNAV 1

NOTE: GPS REQUIRED

NOTE: MONITOR ATIS FOR RWY IN USE.

NOTE: EXPECT RWY ASSIGNMENT FROM FAIRBANKS APPROACH CONTROL UPON INITIAL CONTACT.

NOTE: RADAR REQUIRED AFTER GLOWS.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT FAI VORTAC: HOLD W, RT, 090.00 INBOUND, 9 NM LEGS.

COMMUNICATIONS:

FAIRBANKS APP CON, ATIS.

AIRPORTS SERVED:

FAIRBANKS INTL, FAIRBANKS, AK (PAFA)

LOST COMMUNICATIONS PROCEDURE:

RUNWAY 2L: AFTER CILAX, FLY HEADING 023, THEN PROCEED ON THE ILS OR LOC RWY 02L APPROACH. IF UNABLE, PROCEED DIRECT FAI VORTAC AND HOLD, MAINTAIN 5000.

RUNWAY 20R: AFTER HISKA, FLY HEADING 263, MAINTAIN 4200, THEN PROCEED ON THE ILS OR LOC RWY 20R APPROACH. IF UNABLE, PROCEED DIRECT FAI VORTAC AND HOLD, MAINTAIN 5000.

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Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name LIBER (RNAV)	Number FOUR	STAR Computer Code CAWIN.LIBER4	Superseded Number THREE	Dated 06/22/2017	Effective Date 12 AUG 2021
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REMARKS:

ABBREVIATED AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED

REFERENCE MAGNETIC VARIATION PAFA 15E/2025

CHART: LOST COMM TRACKS FOR RWY 02L AND RWY 20R.

CHART: I-CNA.

CHART: I-FAI.

FLIGHT INSPECTED BY:

Processed IAW Aircraft Operations Group (AJF-10) Memo, April 29, 2020
Subject: Flight Inspection Review Not Required.

Name

Organization

Date

Signature

Digitally signed by

MARK D ADAMS

Feb 19, 2021

DEVELOPED BY:

JEROME.A.MCCULLOUGH, AIS

Name

AJV-A412

Organization

1/27/2021

Date

Digitally signed by

JEROME A MCCULLOUGH

Feb 05, 2021

Signature

APPROVED BY:

JULIE MORGAN, MANAGER

Name

AJV-A410

Organization

Date

Digitally signed by

MARK D ADAMS

Feb 19, 2021

Signature

CHANGES:

1. ALL TRACKS AND HEADINGS INCREASED THREE DEGREES.
2. CHANGED PAFA AIRPORT REFERENCE MAGNETIC VARIATION IN ADDITIONAL FLIGHT DATA FROM 18E/2020 TO 15E/2025.
3. REMOVED RECOMMENDED NAVAID FROM 8260-17.2

REASONS:

- 1, 2. THE REQUIREMENT FOR CAT II/III ILS FACILITIES' MAGVAR TO BE WITHIN 1 DEGREE OF THE ACTUAL MAGVAR NECESSITATES AIRPORT MAGVAR UPDATES AND SUBSEQUENT PROCEDURE AMENDMENTS.
3. NO LONGER REQUIRED.

QUALITY
16
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name LIBER (RNAV)	Number FOUR	STAR Computer Code CAWIN.LIBER4	Superseded Number THREE	Dated 06/22/2017	Effective Date 12 AUG 2021
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
CAWIN	631651.22N / 1485917.56W	Y		IF			AT/ABOVE 12000		CAWIN.LIBER4
LIBER	640257.64N / 1483029.65W	Y	FB	TF	015.29	48.00	AT/ABOVE 8900		
GLOWS	642615.88N / 1481517.88W	Y	FB	TF	015.73	24.30	AT/ABOVE 7100		
Runway Transition									
GLOWS	642615.88N / 1481517.88W	Y		IF			AT/ABOVE 7100		
URSAA	643313.29N / 1481459.51W	Y	FB	TF	001.08	06.98	AT/ABOVE 5000		
CILAX	643612.98N / 1481451.67W	Y	FO	TF	001.07	03.01	AT/ABOVE 4100		
PAFA:RWY 02L				VM	038.00				
Runway Transition									
GLOWS	642615.88N / 1481517.88W	Y		IF			AT/ABOVE 7100		
MINRR	644636.97N / 1473954.99W	Y	FB	TF	036.47	25.48	5000B6500	AT/BELOW 210K	
HISKA	645026.55N / 1473313.83W	Y	FO	TF	036.62	04.79	AT 5000		
PAFA:RWY 20R				VM	038.00				

QUALITY
16
CHECKED