

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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
LIBER (RNAV)	FIVE	CAWIN.LIBER5	FOUR	08/12/2021	5 Oct 2023

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 000.76/9.00 TO CROSS WIDIK AT OR ABOVE 7100, THEN ON TRACK 000.85/9.8 TO STARC.

LANDING RWY 2L: FROM STARC ON TRACK 000.77/5.50 TO CROSS GLOWS AT 5000 AND AT 240 KIAS, THEN ON TRACK 350.00. EXPECT ASSIGNED INSTRUMENT APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 20R: FROM STARC ON TRACK 018.48/29.63 TO CROSS MINRR BETWEEN 5000 AND 6500 AND AT 210 KIAS, THEN ON TRACK 015.00. EXPECT ASSIGNED INSTRUMENT APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED AFTER STARC.

PROCEDURAL DATA NOTES:

NOTE: MONITOR ATIS FOR RUNWAY IN USE.

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

FIXES AND/OR HOLDING PATTERNS:

CHART: ZUREP

COMMUNICATIONS:

CHART: FAIRBANKS APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
PAFA	FAIRBANKS	AK

LOST COMMUNICATIONS PREFERENCES:

RWY 2L: AFTER GLOWS PROCEED ON THE ILS RWY 2L APPROACH.

RWY 20R: AFTER MINRR PROCEED ON THE RNAV (RNP) Z RWY 20R APPROACH. IF UNABLE, PROCEED TO ZUREP AT 5000 FOR THE ILS RWY 20R APPROACH.



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REMARKS:ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED
MAG VAR= PAFA 15E/2025
CHART AT MINRR TERMINUS: PAFA LDG RWY 20R
CHART AT GLOWS TERMINUS: PAFA LDG RWY 2L

FLIGHT INSPECTED BY:

JEREMY C. LEIGHTON

ORGANIZATION:

FPO

DATE:

05/25/23

Flight Inspected Signature:

*Digitally signed by***ERIC N SUSKI**

Aug 08, 2023

*Digitally signed by***ERIC N SUSKI**

Apr 21, 2023

*Digitally signed by***ERIC N SUSKI**

Apr 21, 2023

DEVELOPED BY:

ERIC SUSKI (CHARLES HIRST)

AJV-A431

03/20/2023

Developed By Signature:

APPROVED BY:

JOHNNIE BAKER, MANAGER

AJV-A430

Approved By Signature:

CHANGES:

1. RWY 2L LOST COMMUNICATIONS INSTRUCTIONS CHANGED FROM "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" TO "AFTER GLOWS PROCEED ON THE ILS RWY 2L APPROACH".
2. RWY 20R LOST COMMUNICATIONS PROCEDURES CHANGED FROM "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" TO "AFTER MINRR PROCEED ON THE RNAV (RNP) Z RWY 20R APPROACH. IF UNABLE, PROCEED TO ZUREP AT 5000 FOR THE ILS RWY 20R APPROACH".
3. HOLDING AT FAI VORTAC REMOVED.
4. RADAR REQUIRED AFTER GLOWS CHANGED TO RADAR REQUIRED AFTER STARC.
5. REMOVED AIRPORT NAME FROM AIRPORTS SERVED.
6. COMMON ROUTE DESCRIPTION CHANGED 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" TO "CAWIN ON TRACK 000.29/48.00 TO CROSS LIBER AT OR ABOVE 8900, THEN ON TRACK 000.76/9.00 TO CROSS WIDIK AT OR ABOVE 7100, THEN ON TRACK 000.85/9.8 TO STAR"
7. RWY 2L TRANSITION CHANGED 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" TO "FROM STARC ON TRACK 000.77/5.50 TO CROSS GLOWS AT 5000 AND AT 240 KIAS, THEN ON TRACK 350.00. EXPECT ASSIGNED INSTRUMENT APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE".
8. RWY 20R TRANSITION CHANGED FROM "GLOWS ON TRACK 021.47/25.48 TO CROSS MINRR BETWEEN 5000 AND 6500 AND AT OR BELOW 210 KIAS, THEN ON TRAC K021.62/4.79 TO CROSS HISKA AT 5000, THEN ON HEADING 023.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE" TO "FROM STARC ON TRACK 018.48/29.63 TO CROSS MINRR BETWEEN 5000 AND 6500 AND AT 210 KIAS, THEN ON TRACK 015.00. EXPECT ASSIGNED INSTRUMENT APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE".
9. CHART ATIS REMOVED.
10. PROCEDURAL DATA NOTE RNAV 1 CHANGED TO PBN REQUIREMENT NOTE RNAV 1 - GPS.
11. RADAR REQUIRED AFTER RNDRR MOVED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.



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LIBER (RNAV)	FIVE	CAWIN.LIBER5	FOUR	08/12/2021	5 Oct 2023

REASONS:

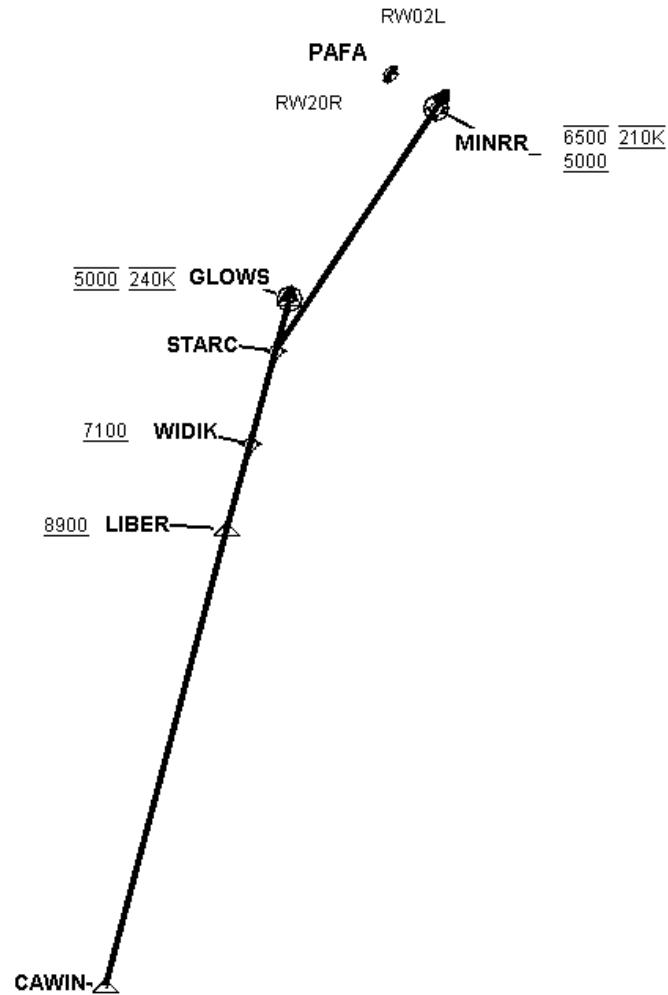
1. REQUIRED DUE TO THE REMOVAL OF HISKA AND CILAX WPS.
2. REQUIRED DUE TO THE REMOVAL OF HISKA AND CILAX WPS.
3. NO LONGER REQUIRED DUE TO REVISED LOST COMMUNICATIONS PROCEDURES.
4. REQUIRED DUE TO FM TRACKS.
5. NOT REQUIRED.
6. DUE TO ADDITION OF FIX STARC AND WIDIK.
7. DUE TO ADDITION OF FIX STARC AND REMOVAL OF FIX CILAX.
8. DUE TO ADDITION OF FIX STARC.
9. ATIS NOW AUTO CHARTED.
10. IAW 8260.19I 4-5-3 SUBPARA A.
11. IAW 8260.19I 4-5-12 SUBPARAS D2 & D6.



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Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name	Number		STAR Computer Code		Superseded Number		Dated		Effective Date
LIBER (RNAV)	FIVE		CAWIN.LIBER5		FOUR		08/12/2021		5 Oct 2023
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
Common Route									
CAWIN	631651.22N / 1485917.56W	Y		IF					CAWIN.LIBER5
LIBER	640257.64N / 1483029.65W	Y	FB	TF	015.29	48.00	AT/ABOVE 8900		
WIDIK	641135.49N / 1482454.30W	Y	FB	TF	015.76	09.00	AT/ABOVE 7100		
STARC	642059.22N / 1481844.91W	Y	FB	TF	015.85	09.80			
Runway Transition									
STARC	642059.22N / 1481844.91W	Y		IF					
GLOWS	642615.88N / 1481517.88W	Y	FO	TF	015.77	05.50	AT 5000	AT 240K	
PAFA:RWY 2L				FM	005.00				
Runway Transition									
STARC	642059.22N / 1481844.91W	Y		IF					
MINRR	644532.34N / 1474034.99W	Y	FO	TF	033.48	29.63	5000B6500	AT 210K	
PAFA:RWY 20R				FM	030.00				