

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.
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
NEELL (RNAV)	SEVEN	SNAAG.NEELL7	SIX	02/01/2018	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
AKGAS	AKGAS.NEELL7	AKGAS	AKGAS						AT/ABOVE FL250
			GEDEE	076.45	73.64	10200	10200		AT/ABOVE 16000
			SNAAG	082.85	21.04	6500	6500		AT/ABOVE 10000
BAITT	BAITT.NEELL7	BAITT	BAITT						AT/ABOVE FL250
			LEWYY	351.17	91.01	10000	5400		AT/ABOVE 16000
			SNAAG	344.08	22.52	5000	1600		AT/ABOVE 10000
HAMND	HAMND.NEELL7	HAMND	HAMND						AT/ABOVE FL250
			BTWEN	058.72	58.31	10000	9700		AT/ABOVE FL210
			CKING	060.38	18.34	9000	9000		AT/ABOVE 16000
			SNAAG	062.45	20.67	5000	4900		AT/ABOVE 10000

ARRIVAL ROUTE DESCRIPTION:

FROM SNAAG ON TRACK 052.05/12.10 TO CROSS NEELL AT OR ABOVE 8000 AND AT 250 KIAS.

LANDING RWY 7L: FROM NEELL ON TRACK 026.16/15.80 TO CROSS SHNKN AT OR ABOVE 3000, THEN ON TRACK 061.33/5.97 TO CROSS AINKK AT OR ABOVE 2000. EXPECT ILS OR LOC RWY 7L APPROACH.

LANDING RWY 7R: FROM NEELL ON TRACK 026.16/15.80 TO CROSS SHNKN AT OR ABOVE 3000, THEN ON TRACK 055.09/3.53 TO CROSS ELIAS AT OR ABOVE 2000. EXPECT ILS OR LOC RWY 7R APPROACH.

LANDING RWY 15: FROM NEELL ON TRACK 056.13/9.29 TO CROSS WNTER BETWEEN 8000 AND 12000, THEN ON TRACK 060.51/13.98 TO CROSS DOGLG AT OR ABOVE 7000, THEN ON TRACK 013.85/6.82 TO CROSS TURRN AT 5000, THEN ON TRACK 332.46/5.54 TO CROSS MITNN AT 5000 AND AT 210 KIAS, THEN ON TRACK 328.85/7.16 TO CROSS GLDNN AT 5000, THEN ON TRACK 328.85. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED AFTER SNAAG.

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: EXPECT RUNWAY ASSIGNMENT FROM ANCHORAGE APPROACH ON INITIAL CONTACT.

NOTE: GPS REQUIRED

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT CKING: HOLD SW, RT, 060.38 INBOUND, 10 NM LEGS.

CHART HOLDING AT SNAAG: HOLD SW, RT, 062.45 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: ANCHORAGE APP CON.

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AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
ANC/PANC	ANCHORAGE	AK

LOST COMMUNICATIONS PREFERENCES:

RUNWAY 15: AFTER GLDNN, TURN RIGHT TO CARDD, THEN PROCEED ON THE ILS RWY 15 APPROACH.

REMARKS:

DO NOT CHART MOCA VALUES WITHIN 500 FT OF MEA.
LOST COMM CO: 486 MSL AAO, 612306.00N/1500103.00W, 4B.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED
MAG VAR: PANC 16E/2020
CHART AT ELIAS TERMINUS: ANC LDG RWY 7R
CHART AT GLDNN TERMINUS: ANC LDG RWY 15
CHART AT AINKK TERMINUS: ANC LDG RWY 7L
CHART LOCALIZERS: I-ANC, I-TGN.

FLIGHT INSPECTED BY:

JAMES HAWLEY

ORGANIZATION:

FPO

DATE:

08/08/2024

Flight Inspected Signature:

Digitally signed by

ERIC N SUSKI

Aug 13, 2024

DEVELOPED BY:

JEFFEREY HARRIS, SUPPORT MANAGER ALASKA
DISTRICT

ANCHORAGE
ARTCC

07/01/2024

Developed By Signature:

Digitally signed by

ERIC N SUSKI

Aug 13, 2024

APPROVED BY:

ERIC SUSKI MANAGER

AJV-A431

Approved By Signature:

Digitally signed by

ERIC N SUSKI

Aug 13, 2024

CHANGES:

1. Added an AOA 8000 FT/250 KIAS restriction at NEELL.
2. Added RWY 15 transition UPDATED EXPECT APPROACH TITLE FOR RWY 7L/R.
3. Added Lost Communications Procedure for Runway 15.
4. ADDED TERMINUS DATA TO ADDITIONAL FLIGHT DATA.
5. MOVED NEELL 1.09 NM SW.
6. MOVED SNAAG 3.4 NM SW.
7. ADDED NOTE: RADAR REQUIRED AFTER SNAAG.
8. AIRPORTS SERVED: REPLACED AIRPORT NAME TD STEVENS ANCHORAGE INTL WITH AIRPORT ID ANC/PANC.
9. ADDED PBN REQUIREMENT NOTES: ADDED RNAV-1 GPS.

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- 10. PROCEDURAL DATA NOTES: UPDATED NOTE: TURBOJET AIRCRAFT ONLY TO JET AIRCRAFT ONLY.
- 11. UPDATED HOLDING COURSE AT SNAAG.
- 12. REMOVED DO NOT CHART MOCA VALUE FROM ADDITIONAL FLIGHT DATA AND REPLACED WITH A MOCA VALUE REMARK.
- 13. UPDATED MOCA VALUES.

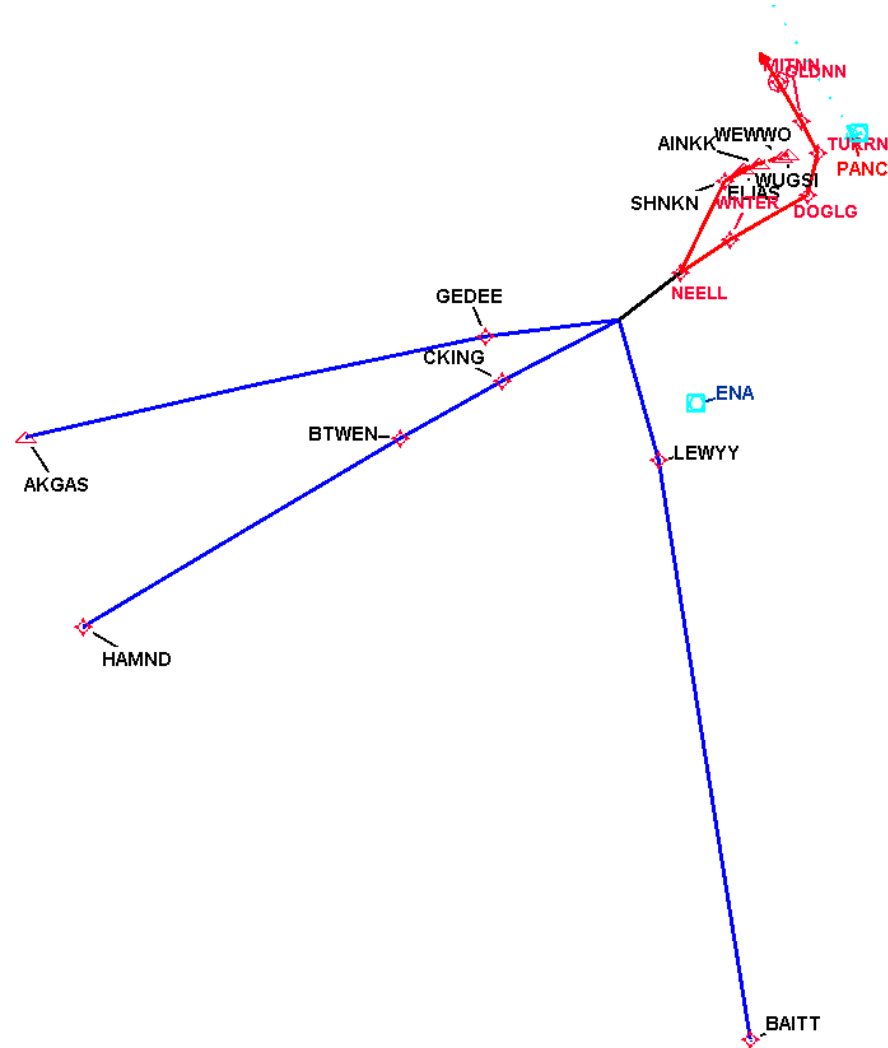
REASONS:

- 1. The altitude restriction is to separate jets from props; the speed restriction is to control compression when sequencing.
- 2. To allow a controlled, predictable path for aircraft to use when RWY 15 is the primary landing runway.
- 3. ATC REQUEST.
- 4. IAW FAAO 8260.19J 4-5-2 h. (2).
- 5. RESOLVES DESCENT GRADIENT CRITERIA FAILURE BETWEEN NEELL AND SHNKN.
- 6. RESOLVES LEG LENGTH FAILURE BETWEEN SNAAG AND NEELL.
- 7. NEEDED FOR RADAR VECTORS TO FINAL.
- 8. UPDATED TO NEW FORMS VERSION.
- 9. UPDATED FORMS IAW 8260.19J 4-5-3.C
- 10. UPDATED FORMS IAW 8260.19J 4-5-12.D.3
- 11. MATCH TF LEG.
- 12. UPDATED FORMS IAW 8260.19J 4-5-12.D.8
- 13. NEW CONTROLLING OBSTACLE.

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Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name NEELL (RNAV)		Number SEVEN		STAR Computer Code SNAAG.NEELL7		Superseded Number SIX		Dated 02/01/2018	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
AKGAS	610033.43N / 1544132.62W	Y		IF			AT/ABOVE FL250		AKGAS.NEELL7
GEDEE	605600.68N / 1521043.94W	Y	FB	TF	092.45	73.64	AT/ABOVE 16000		
SNAAG	605240.29N / 1512811.64W	Y	FB	TF	098.85	21.04	AT/ABOVE 10000		
En Route Transition									
BAITT	590011.25N / 1515114.26W	Y		IF			AT/ABOVE FL250		BAITT.NEELL7
LEWYY	603012.98N / 1512815.47W	Y	FB	TF	007.17	91.01	AT/ABOVE 16000		
SNAAG	605240.29N / 1512811.64W	Y	FB	TF	000.08	22.52	AT/ABOVE 10000		
En Route Transition									
HAMND	602954.73N / 1544036.21W	Y		IF			AT/ABOVE FL250		HAMND.NEELL7
BTWEN	604425.57N / 1524600.77W	Y	FB	TF	074.72	58.31	AT/ABOVE FL210		
CKING	604839.10N / 1520937.40W	Y	FB	TF	076.38	18.34	AT/ABOVE 16000		
SNAAG	605240.29N / 1512811.64W	Y	FB	TF	078.45	20.67	AT/ABOVE 10000		
Common Route									
SNAAG	605240.29N / 1512811.64W	Y		IF			AT/ABOVE 10000		SNAAG.NEELL7
NEELL	605708.99N / 1510510.82W	Y	FB	TF	068.05	12.10	AT/ABOVE 8000	AT 250K	
Runway Transition									
NEELL	605708.99N / 1510510.82W	Y		IF			AT/ABOVE 8000	AT 250K	
SHNKN	610848.00N / 1504318.00W	Y	FB	TF	042.16	15.80	AT/ABOVE 3000		
AINKK	611005.78N / 1503117.02W	Y	FB	TF	077.33	05.97	AT/ABOVE 2000		
PANC:RWY 7L									
Runway Transition									
NEELL	605708.99N / 1510510.82W	Y		IF			AT/ABOVE 8000	AT 250K	
SHNKN	610848.00N / 1504318.00W	Y	FB	TF	042.16	15.80	AT/ABOVE 3000		

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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG</u> <u>TYPE</u>	<u>TC</u>	<u>DIST</u> <u>(NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
ELIAS	610956.19N / 1503624.86W	Y	FB	TF	071.09	03.53	AT/ABOVE 2000		
PANC:RWY 7R									
Runway Transition									
NEELL	605708.99N / 1510510.82W	Y		IF			AT/ABOVE 8000	AT 250K	
WNTER	605958.36N / 1504701.49W	Y	FB	TF	072.13	09.29	8000B12000		
DOGLG	610310.59N / 1501903.54W	Y	FB	TF	076.51	13.98	AT/ABOVE 7000		
TURRN	610904.48N / 1501203.04W	Y	FB	TF	029.85	06.82	AT 5000		
MITNN	611429.06N / 1501420.61W	Y	FB	TF	348.46	05.54	AT 5000	AT 210K	
GLDNN	612122.62N / 1501813.87W	Y	FO	TF	344.85	07.16	AT 5000		
PANC:RWY 15				FM	344.85				