

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
AALLE (RNAV)	FOUR	AALLE.AALLE4	THREE	10/07/21	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BBOTL	BBOTL.AALLE4	BBOTL	BBOTL						
			AALLE	209.33	13.86	16000	7800		BETWEEN FL190 AND FL220
BIDDR	BIDDR.AALLE4	BIDDR	BIDDR						BETWEEN FL300 AND FL320
			CAASK	238.07	17.47	16000	7800		
			FOAMM	237.87	12.61	16000	7800		
			AALLE	237.77	13.87	16000	7800		BETWEEN FL190 AND FL220
CAASK	CAASK.AALLE4	CAASK	CAASK						
			FOAMM	237.87	12.61	16000	7800		
			AALLE	237.77	13.87	16000	7800		BETWEEN FL190 AND FL220
FOAMM	FOAMM.AALLE4	FOAMM	FOAMM						
			AALLE	237.77	13.87	16000	7800		BETWEEN FL190 AND FL220
HOPPP	HOPPP.AALLE4	HOPPP	HOPPP						
			YEAST	239.04	39.03	FL200	7800		
			BIDDR	238.53	32.37	FL200	7800		BETWEEN FL300 AND FL320
			CAASK	238.07	17.47	16000	7800		
			FOAMM	237.87	12.61	16000	7800		
			AALLE	237.77	13.87	16000	7800		BETWEEN FL190 AND FL220
MALTE	MALTE.AALLE4	MALTE	MALTE						
			BBOTL	209.17	12.56	16000	7800		
			AALLE	209.33	13.86	16000	7800		BETWEEN FL190 AND FL220
MILKK	MILKK.AALLE4	MILKK	MILKK						
			SDOUT	173.61	17.52	FL200	7800		BETWEEN FL300 AND FL320
			MALTE	209.38	17.50	16000	7800		
			BBOTL	209.17	12.56	16000	7800		
			AALLE	209.33	13.86	16000	7800		BETWEEN FL190 AND FL220
NYTRO	NYTRO.AALLE4	NYTRO	NYTRO						
			MILKK	173.61	14.85	FL200	7800		



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Arrival Name		Number		STAR Computer Code		Superseded Number			Dated	Effective Date
AALLE (RNAV)		FOUR		AALLE.AALLE4		THREE			10/07/21	
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			SDOUT	173.61	17.52	FL200	7800		BETWEEN FL300 AND FL320	
			MALTE	209.38	17.50	16000	7800			
			BBOTL	209.17	12.56	16000	7800			
			AALLE	209.33	13.86	16000	7800		BETWEEN FL190 AND FL220	
PORDR	PORDR.AALLE4	PORDR	PORDR							
			HOPPP	239.03	21.60	FL200	7800			
			YEAST	239.04	39.03	FL200	7800			
			BIDDR	238.53	32.37	FL200	7800		BETWEEN FL300 AND FL320	
			CAASK	238.07	17.47	16000	7800			
			FOAMM	237.87	12.61	16000	7800			
			AALLE	237.77	13.87	16000	7800		BETWEEN FL190 AND FL220	
SDOUT	SDOUT.AALLE4	SDOUT	SDOUT						BETWEEN FL300 AND FL320	
			MALTE	209.38	17.50	16000	7800			
			BBOTL	209.17	12.56	16000	7800			
			AALLE	209.33	13.86	16000	7800		BETWEEN FL190 AND FL220	
YEAST	YEAST.AALLE4	YEAST	YEAST							
			BIDDR	238.53	32.37	FL200	7800		BETWEEN FL300 AND FL320	
			CAASK	238.07	17.47	16000	7800			
			FOAMM	237.87	12.61	16000	7800			
			AALLE	237.77	13.87	16000	7800		BETWEEN FL190 AND FL220	

ARRIVAL ROUTE DESCRIPTION:

FROM AALLE ON TRACK 231.08/16.06 TO CROSS HEDDD BETWEEN 16000 AND FL190 AND AT 250 KIAS.

LANDING RWY 7, 8: FROM HEDDD ON TRACK 211.42/13.05 TO CROSS DEELO BETWEEN 15000 AND 17000, THEN ON TRACK 222.14/13.57 TO CROSS JEPHF BETWEEN 13000 AND 15000 AND AT 250 KIAS, THEN ON TRACK 235.81/9.68 TO HAZLT, THEN ON TRACK 262.54/5.33 TO CROSS HAIR AT 11000 AND AT 210 KIAS, THEN ON TRACK 262.54. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 16L/R, 17L/R: FROM HEDDD ON TRACK 268.56/14.32 TO CROSS HIGUN AT 14000 AND AT 210 KIAS, THEN ON TRACK 264.84/9.00 TO CROSS KIPPR AT 12000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 16L, RWY 16R, RWY 17L, RWY 17R APPROACH.

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
AALLE (RNAV)	FOUR	AALLE.AALLE4	THREE	10/07/21	

LANDING RWY 25, 26: FROM HEDDD ON TRACK 217.00/9.50 TO CROSS CRUNK AT 14000, THEN ON TRACK 217.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 34L/R: FROM HEDDD ON TRACK 211.42/13.05 TO CROSS DEELO BETWEEN 15000 AND 17000, THEN ON TRACK 222.14/13.57 TO CROSS JEPHF BETWEEN 13000 AND 15000 AND AT 250 KIAS, THEN ON TRACK 235.81/9.68 TO HAZLT, THEN ON TRACK 235.83/8.00 TO GRILA, THEN ON TRACK 173.17/5.00 TO CROSS HIMOM AT 11000 AND AT 210 KIAS, THEN ON TRACK 173.17. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 35L/R: FROM HEDDD ON TRACK 211.42/13.05 TO CROSS DEELO BETWEEN 15000 AND 17000, THEN ON TRACK 211.28/13.95 TO CROSS FULLA BETWEEN 13000 AND 15000 AND AT 250 KIAS, THEN ON TRACK 211.24/5.14 TO FFFAT, THEN ON TRACK 172.74/6.11 TO CROSS DOGGG AT 11000 AND AT 210 KIAS, THEN ON TRACK 172.74. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: BBOTL, FOAMM, MALTE, CAASK, AALLE, BIDDR, HOPPP, MILKK, SDOUT, AND YEAST TRANSITIONS, ATC ASSIGNED ONLY.

NOTE: DENVER CENTER WILL ISSUE "DESCEND VIA" CLEARANCE AND LANDING DIRECTION.

NOTE: EXPECT RUNWAY ASSIGNMENT ON INITIAL CONTACT WITH DENVER TRACON.

NOTE: LANDING NORTH SELECT RWY 35R TRANSITION.

NOTE: LANDING SOUTH SELECT RWY 16L TRANSITION.

NOTE: LANDING EAST SELECT RWY 7 TRANSITION.

NOTE: LANDING WEST SELECT RWY 26 TRANSITION.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BIDDR: HOLD NE, RT, 238.53 INBOUND, 11 NM LEGS.

CHART HOLDING AT AALLE: HOLD NE, LT, 238.10 INBOUND, 10 NM LEGS.

CHART HOLDING AT HEDDD: HOLD NE, LT, 231.08 INBOUND, 10 NM LEGS.

CHART HOLDING AT NYTRO: HOLD N, RT, 173.61 INBOUND, 12 NM LEGS.

CHART HOLDING AT PLZNR: HOLD E, RT, 248.41 INBOUND, 10 NM LEGS.

CHART HOLDING AT PORDR: HOLD NE, LT, 239.03 INBOUND, 12 NM LEGS.

CHART HOLDING AT FFFAT: HOLD NE, LT, 230.20 INBOUND, 10 NM LEGS.

CHART HOLDING AT KOLSH: HOLD E, RT, 249.13 INBOUND, 12 NM LEGS.

CHART HOLDING AT SDOUT: HOLD NE, LT, 238.10 INBOUND, 12 NM LEGS.

CHART HOLDING AT YEAST: HOLD NE, RT, 239.04 INBOUND, 12 NM LEGS.

COMMUNICATIONS:

CHART: DENVER ARTCC.

CHART: DENVER TOWER.

AIRPORTS SERVED:

AIRPORT ID

DEN

CITY

DENVER

STATE

CO

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
AALLE (RNAV)	FOUR	AALLE.AALLE4	THREE	10/07/21	

LOST COMMUNICATIONS PREFERENCES:

IN THE EVENT OF LOST COMMUNICATIONS PRIOR TO RUNWAY TRANSITION ASSIGNMENT, WHEN DEN IS LANDING SOUTH, EXECUTE THE ILS RWY 16L, WHEN DEN IS LANDING NORTH, EXECUTE THE ILS RWY 35R.

REMARKS:

MEA'S FL200 AND ABOVE NEEDED TO MITIGATE CRITICAL DME'S AND INSURE ADEQUATE SIGNAL COVERGE FOR DME/DME/IRU NAVIGATION.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: DEN 08E/2015
CHART AT HAITR TERMINUS: DEN LDG RWY 7, 8
CHART AT CRUNK TERMINUS: DEN LDG RWY 25, 26
CHART AT DOGGG TERMINUS: DEN LDG RWY 35L/R
CHART AT HIMOM TERMINUS: DEN LDG RWY 34L/R
CHART AT KIPPR TERMINUS: DEN LDG RWY 16L/R, 17L/R

FLIGHT INSPECTED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON Feb 06, 2025	ORGANIZATION:	DATE:	Flight Inspected Signature:
JEREMY C LEIGHTON		AJF	01/24/2025	_____
DEVELOPED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON Feb 06, 2025	ZDV Airspace&Procedur es	05/01/2024	Developed By Signature:
Jenifer Nordstrom				_____
APPROVED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON Feb 06, 2025	AJV-A430		Approved By Signature:
Bev Bordy				_____

CHANGES:

1. REMOVED NOTE: TURBOJET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY STAR.
2. ADDED 280 KIAS RESTRICTION AT AALLE.
3. CHANGED RESTRICTION AT SDOUT WP FROM AOA FL300 TO FL300BFL320 AND AT 280 KIAS.
4. ADDED RESTRICTION AT BIDDR WP OF FL300BFL320 AND AT 280 KIAS.
5. ADDED EN ROUTE TRANSITIONS BEGINNING AT BBOTL, FOAMM, MALTE, CAASK, AALLE, BIDDR, HOPPP, MILKK, SDOUT, AND YEAST WITH NOTE: ATC ASSIGNED ONLY.
6. ADDED HOLDING AT SDOUT WP: HOLD NE, LT, 238.10 INBOUND, 12 NM LEGS.
7. ADDED HOLDING AT YEAST WP: HOLD NE, RT, 239.04 INBOUND, 12 NM LEGS.
8. ADDED HOLDING AT KOLSH WP: HOLD NE, RT, 249.13 INBOUND, 12 NM LEGS.
9. ADDED HOLDING AT FFFAT WP: HOLD NE, LT, 230.20 INBOUND, 10 NM LEGS.
10. CHANGED NOTE: LANDING SOUTH SELECT RWY 17R TRANSITION TO LANDING SOUTH SELECT RWY 16L TRANSITION.

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
AALLE (RNAV)	FOUR	AALLE.AALLE4	THREE	10/07/21	

11. CHANGED LOST COMMUNICATIONS FROM EXECUTE ILS RWY 17R TO EXECUTE ILS RWY 16L.
12. REMOVED AIRPORT NAME FROM AIRPORTS SERVED AND ADDED AIRPORT ID; REMOVED K IDENT FROM 17.1 FORM.
13. REVISED COMMON ROUTE ARRIVAL DESCRIPTION TO INCLUDE MAX ALTITUDE AT HEDDD CHANGED FROM FL210 TO FL190.
14. CHANGED TURBOJET NOTE TO REFLECT JET.
15. EQUIPMENT REQUIREMENTS NOTE CHANGED FROM RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT TO RADAR REQUIRED.
16. MOCA VALUES ADDED FOR ALL TRANSITION ROUTE SEGMENTS.
17. REMOVED DEN APP CON FROM COMMUNICATIONS.
18. ADDED DEN ARTCC TO COMMUNICATIONS.

REASONS:

- 1-2. TO SATISFY ERC/ATSAP SAFETY COUNCIL RECOMMENDATION.
- 3-4, 6-9. ATC REQUEST.
5. ATC REQUEST TO MITIGATE REROUTING AND RE-CLEARING AIRCRAFT DURING BUSY OR INCLEMENT WEATHER.
10. ATC REQUEST OPERATIONAL NEED.
11. ATC REQUEST TO MATCH NOTE CHANGE.
12. IAW 8260.19J DOCUMENTATION STANDARDS.
13. ATC REQUEST TO CONTAIN AICRAFT WITHIN ANTICIPATED DESCENT PROFILE.
14. CURRENT DOCUMENTATION STANDARDS.
15. REQUIRED FOR RADAR VECTORS IAW 8260.19J 4-5-12.d.(2)(b)
16. MOCA ALWAYS DOCUMENTED IAW 8260.19J 4-5-12.b.(8)
17. APPROACH CONTROL AUTOMATICALLY CHARTED AND DOES NOT NEED TO BE DOCUMENTED IN THIS SECTION IAW 8260.19J PARA 4-5-12(F).
18. ATC REQUEST.

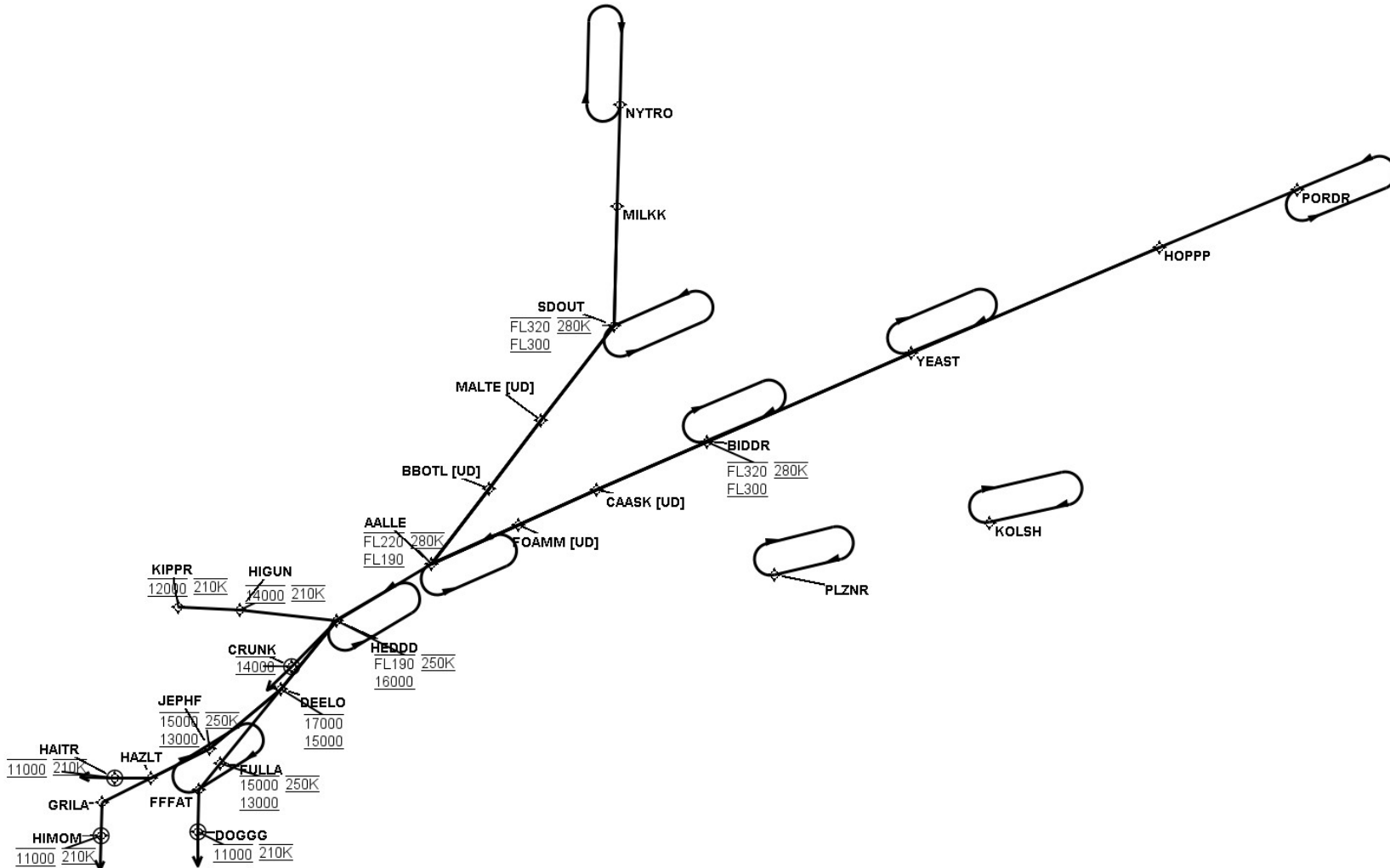
04/09/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/18/2024.

1. HOLDING AT FFFAT: HOLD NE, LT, 230.20 INBOUND, 10 NM LEGS. CHANGED FROM RT TO LT.

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
AALLE (RNAV)	FOUR	AALLE.AALLE4	THREE	10/07/21	
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name AALLE (RNAV)		Number FOUR		STAR Computer Code AALLE.AALLE4		Superseded Number THREE		Dated 10/07/21	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BBOTL	403814.57N / 1033424.53W	Y		IF					BBOTL.AALLE4
AALLE	402712.33N / 1034525.19W	Y	FB	TF	217.33	13.86	FL190BFL220	AT 280K	
En Route Transition									
BIDDR	404513.07N / 1025247.42W	Y		IF			FL300BFL320	AT 280K	BIDDR.AALLE4
CAASK	403805.72N / 1031345.60W	Y	FB	TF	246.07	17.47			
FOAMM	403255.33N / 1032851.14W	Y	FB	TF	245.87	12.61			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	245.77	13.87	FL190BFL220	AT 280K	
En Route Transition									
CAASK	403805.72N / 1031345.60W	Y		IF					CAASK.AALLE4
FOAMM	403255.33N / 1032851.14W	Y	FB	TF	245.87	12.61			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	245.77	13.87	FL190BFL220	AT 280K	
En Route Transition									
FOAMM	403255.33N / 1032851.14W	Y		IF					FOAMM.AALLE4
AALLE	402712.33N / 1034525.19W	Y	FB	TF	245.77	13.87	FL190BFL220	AT 280K	
En Route Transition									
HOPPP	411337.76N / 1012616.10W	Y		IF					HOPPP.AALLE4
YEAST	405813.75N / 1021342.82W	Y	FB	TF	247.04	39.03			
BIDDR	404513.07N / 1025247.42W	Y	FB	TF	246.53	32.37	FL300BFL320	AT 280K	
CAASK	403805.72N / 1031345.60W	Y	FB	TF	246.07	17.47			
FOAMM	403255.33N / 1032851.14W	Y	FB	TF	245.87	12.61			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	245.77	13.87	FL190BFL220	AT 280K	



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

Arrival Name AALLE (RNAV)	Number FOUR		STAR Computer Code AALLE.AALLE4		Superseded Number THREE		Dated 10/07/21		Effective Date
<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>
En Route Transition									
MALTE	404815.97N / 1032426.44W	Y		IF					MALTE.AALLE4
BBOTL	403814.57N / 1033424.53W	Y	FB	TF	217.17	12.56			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	217.33	13.86	FL190BFL220	AT 280K	
En Route Transition									
MILKK	411942.97N / 1030948.18W	Y		IF					MILKK.AALLE4
SDOUT	410211.76N / 1031027.09W	Y	FB	TF	181.61	17.52	FL300BFL320	AT 280K	
MALTE	404815.97N / 1032426.44W	Y	FB	TF	217.38	17.50			
BBOTL	403814.57N / 1033424.53W	Y	FB	TF	217.17	12.56			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	217.33	13.86	FL190BFL220	AT 280K	
En Route Transition									
NYTRO	413434.16N / 1030914.99W	Y		IF					NYTRO.AALLE4
MILKK	411942.97N / 1030948.18W	Y	FB	TF	181.61	14.85			
SDOUT	410211.76N / 1031027.09W	Y	FB	TF	181.61	17.52	FL300BFL320	AT 280K	
MALTE	404815.97N / 1032426.44W	Y	FB	TF	217.38	17.50			
BBOTL	403814.57N / 1033424.53W	Y	FB	TF	217.17	12.56			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	217.33	13.86	FL190BFL220	AT 280K	
En Route Transition									
PORDR	412206.94N / 1005954.69W	Y		IF					PORDR.AALLE4
HOPPP	411337.76N / 1012616.10W	Y	FB	TF	247.03	21.60			
YEAST	405813.75N / 1021342.82W	Y	FB	TF	247.04	39.03			
BIDDR	404513.07N / 1025247.42W	Y	FB	TF	246.53	32.37	FL300BFL320	AT 280K	
CAASK	403805.72N / 1031345.60W	Y	FB	TF	246.07	17.47			
FOAMM	403255.33N / 1032851.14W	Y	FB	TF	245.87	12.61			
AALLE	402712.33N / 1034525.19W	Y	FB	TF	245.77	13.87	FL190BFL220	AT 280K	



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

Arrival Name AALLE (RNAV)		Number FOUR		STAR Computer Code AALLE.AALLE4			Superseded Number THREE		Dated 10/07/21	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
En Route Transition										
SDOUT	410211.76N / 1031027.09W	Y		IF			FL300BFL320	AT 280K	SDOUT.AALLE4	
MALTE	404815.97N / 1032426.44W	Y	FB	TF	217.38	17.50				
BBOTL	403814.57N / 1033424.53W	Y	FB	TF	217.17	12.56				
AALLE	402712.33N / 1034525.19W	Y	FB	TF	217.33	13.86	FL190BFL220	AT 280K		
En Route Transition										
YEAST	405813.75N / 1021342.82W	Y		IF					YEAST.AALLE4	
BIDDR	404513.07N / 1025247.42W	Y	FB	TF	246.53	32.37	FL300BFL320	AT 280K		
CAASK	403805.72N / 1031345.60W	Y	FB	TF	246.07	17.47				
FOAMM	403255.33N / 1032851.14W	Y	FB	TF	245.87	12.61				
AALLE	402712.33N / 1034525.19W	Y	FB	TF	245.77	13.87	FL190BFL220	AT 280K		
Common Route										
AALLE	402712.33N / 1034525.19W	Y		IF			FL190BFL220	AT 280K	AALLE.AALLE4	
HEDDD	401855.45N / 1040325.89W	Y	FB	TF	239.08	16.06	16000BFL190	AT 250K		
Runway Transition										
HEDDD	401855.45N / 1040325.89W	Y		IF			16000BFL190	AT 250K		
DEELO	400849.45N / 1041414.39W	Y	FB	TF	219.42	13.05	15000B17000			
JEPHF	400006.58N / 1042747.45W	Y	FB	TF	230.14	13.57	13000B15000	AT 250K		
HAZLT	395549.45N / 1043905.06W	Y	FB	TF	243.81	09.68				
HAITR	395552.24N / 1044600.66W	Y	FO	TF	270.54	05.33	AT 11000	AT 210K		
KDEN:RWY 7,RWY 8				FM	270.54					
Runway Transition										
HEDDD	401855.45N / 1040325.89W	Y		IF			16000BFL190	AT 250K		QUALITY
HIGUN	402032.12N / 1042202.21W	Y	FB	TF	276.56	14.32	AT 14000	AT 210K		16



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name AALLE (RNAV)		Number FOUR		STAR Computer Code AALLE.AALLE4		Superseded Number THREE		Dated 10/07/21	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
KIPPR	402058.32N / 1043347.99W	Y	FB	TF	272.84	09.00	AT 12000	AT 210K	
KDEN:RWY 16L,RWY 16R,RWY 17L,RWY 17R									
Runway Transition									
HEDDD	401855.45N / 1040325.89W	Y		IF			16000BFL190	AT 250K	
CRUNK	401211.77N / 1041211.93W	Y	FO	TF	225.00	09.50	AT 14000		
KDEN:RWY 25,RWY 26				FM	225.00				
Runway Transition									
HEDDD	401855.45N / 1040325.89W	Y		IF			16000BFL190	AT 250K	
DEELO	400849.45N / 1041414.39W	Y	FB	TF	219.42	13.05	15000B17000		
JEPHF	400006.58N / 1042747.45W	Y	FB	TF	230.14	13.57	13000B15000	AT 250K	
HAZLT	395549.45N / 1043905.06W	Y	FB	TF	243.81	09.68			
GRILA	395217.37N / 1044824.29W	Y	FB	TF	243.83	08.00			
HIMOM	394717.19N / 1044832.22W	Y	FO	TF	181.17	05.00	AT 11000	AT 210K	
KDEN:RWY 34L,RWY 34R				FM	181.17				
Runway Transition									
HEDDD	401855.45N / 1040325.89W	Y		IF			16000BFL190	AT 250K	
DEELO	400849.45N / 1041414.39W	Y	FB	TF	219.42	13.05	15000B17000		
FULLA	395800.38N / 1042543.71W	Y	FB	TF	219.28	13.95	13000B15000	AT 250K	
FFFAT	395401.30N / 1042957.17W	Y	FB	TF	219.24	05.14			
DOGGG	394754.32N / 1043003.31W	Y	FO	TF	180.74	06.11	AT 11000	AT 210K	
KDEN:RWY 35L,RWY 35R				FM	180.74				

