

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
LAWGR (RNAV)	THREE	LAWGR.LAWGR3	TWO	12/31/2020	7 OCT 21

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BRWRY	BRWRY.LAWGR3	BRWRY	BRWRY						
			DUNKL	249.50	21.59	FL200			
			KOLSH	249.13	40.23	FL200			
			PLZNR	248.41	32.27	17000	6000		
			LAWGR	247.92	42.86	15000	6000		BETWEEN FL190 AND FL220

ARRIVAL ROUTE DESCRIPTION:

FROM LAWGR ON TRACK 247.56/16.22 TO CROSS PPINT BETWEEN 15000 AND FL210 AND AT 250 KIAS.

LANDING RWY 7, 8: FROM PPINT ON TRACK 230.45/13.41 TO CROSS BURRP BETWEEN 15000 AND 17000, THEN ON TRACK 247.39/14.57 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 PPINT ON TRACK 273.87/11.43 TO CROSS TAPME AT OR ABOVE 12000 AND AT 230 KIAS, THEN ON TRACK 273.93/6.01 TO CROSS GRRUB AT 11000 AND AT 210 KIAS, THEN ON TRACK 265.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 25, 26: FROM PPINT ON TRACK 235.00/11.94 TO CROSS JIBBA AT 13000, THEN ON TRACK 172.32/4.08 TO CROSS RODEY AT 13000 AND AT 210 KIAS, THEN ON TRACK 172.32. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 34L/R: FROM PPINT ON TRACK 230.45/13.41 TO CROSS BURRP BETWEEN 15000 AND 17000, THEN ON TRACK 247.39/14.57 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 PPINT ON TRACK 230.45/13.41 TO CROSS BURRP BETWEEN 15000 AND 17000, THEN ON TRACK 230.27/13.95 TO CROSS YUPEE BETWEEN 13000 AND 15000 AND AT 250 KIAS, THEN ON TRACK 230.20/4.60 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.

PROCEDURAL DATA NOTES:

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: TURBOJET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY STAR.

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

NOTE: LANDING NORTH SELECT RWY 35R TRANSITION. NOTE: LANDING SOUTH SELECT RWY 17R TRANSITION.

NOTE: LANDING EAST SELECT RWY 7 TRANSITION. NOTE: LANDING WEST SELECT RWY 26 TRANSITION.

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

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

FIXES AND/OR HOLDING PATTERNS:

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

CHART HOLDING AT BRWRY: HOLD E, RT, 249.50 INBOUND, 12 NM LEGS.

CHART HOLDING AT DUNKL: HOLD E, RT, 249.50 INBOUND, 12 NM LEGS.

CHART HOLDING AT LAWGR: HOLD E, RT, 247.92 INBOUND, 12 NM LEGS.

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

CHART HOLDING AT PPINT: HOLD E, RT, 247.56 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: DENVER APP CON

CHART: DENVER TOWER

AIRPORTS SERVED:

DENVER INTL, DENVER, CO (KDEN)

LOST COMMUNICATIONS PROCEDURE:

IN THE EVENT OF LOST COMMUNICATIONS PRIOR TO RUNWAY TRANSITION ASSIGNMENT, WHEN DEN IS LANDING SOUTH, EXECUTE THE ILS RWY 17R, 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 RECEPTION FOR DME/DME/IRU NAVIGATION.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KDEN 08E/2015

CHART AT HIMOM TERMINUS: LDG KDEN RWYS 34L/R

CHART AT GRRUB TERMINUS: LDG KDEN RWYS 16L/R AND 17L/R

CHART AT HAITR TERMINUS: LDG KDEN RWYS 7 AND 8

CHART AT DOGGG TERMINUS: LDG KDEN RWYS 35L/R

CHART AT RODEY TERMINUS: LDG KDEN RWYS 25 AND 26

FLIGHT INSPECTED BY:

MATTHEW R BUFORD

Name

FICO

Organization

07/27/2021

Date

Digitally signed by

DONALD H LANIER

Signature

Jul 28, 2021

DEVELOPED BY:

Mark Phipps Denver Metroplex Manager

Name

DENVER ARTCC

Organization

4/22/2021

Date

Digitally signed by

DONALD H LANIER

Signature

Jul 28, 2021

APPROVED BY:

LONNIE EVERGHART

Name

AJV-A430

Organization

Date

Digitally signed by

DONALD H LANIER

Signature

Jul 28, 2021

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LAWGR (RNAV)	THREE	LAWGR.LAWGR3	TWO	12/31/2020	7 OCT 21

CHANGES:

1. RECONFIGURED TRANSITION FOR RWY 25, 26; ADDED ROUTING FOR FIXES JIBBA, RODEY; UPDATED TERMINUS DATA.
2. AMENDED HOLDING AT BIDDR; LEG LENGTH CHANGED FROM 10 NM TO 11 NM.
3. REFORMATTED RADAR REQUIRED, RNAV 1, DME/DME/IRU OR GPS REQUIRED NOTES TO CURRENT PBN & EQUIPMENT REQUIREMENT NOTES FORMAT.
4. MOCA VALUE AT PLZNR INCREASED FROM 5400 TO 6000.
5. CHANGED RESTRICTION AT LAWGR FROM AT OR ABOVE FL190 TO 190B220.
6. ADDED CHART NOTE ABOUT MAINTAINING 280K AND NOTES LISTING LANDING DIRECTION AND RUNWAYS.

REASONS:

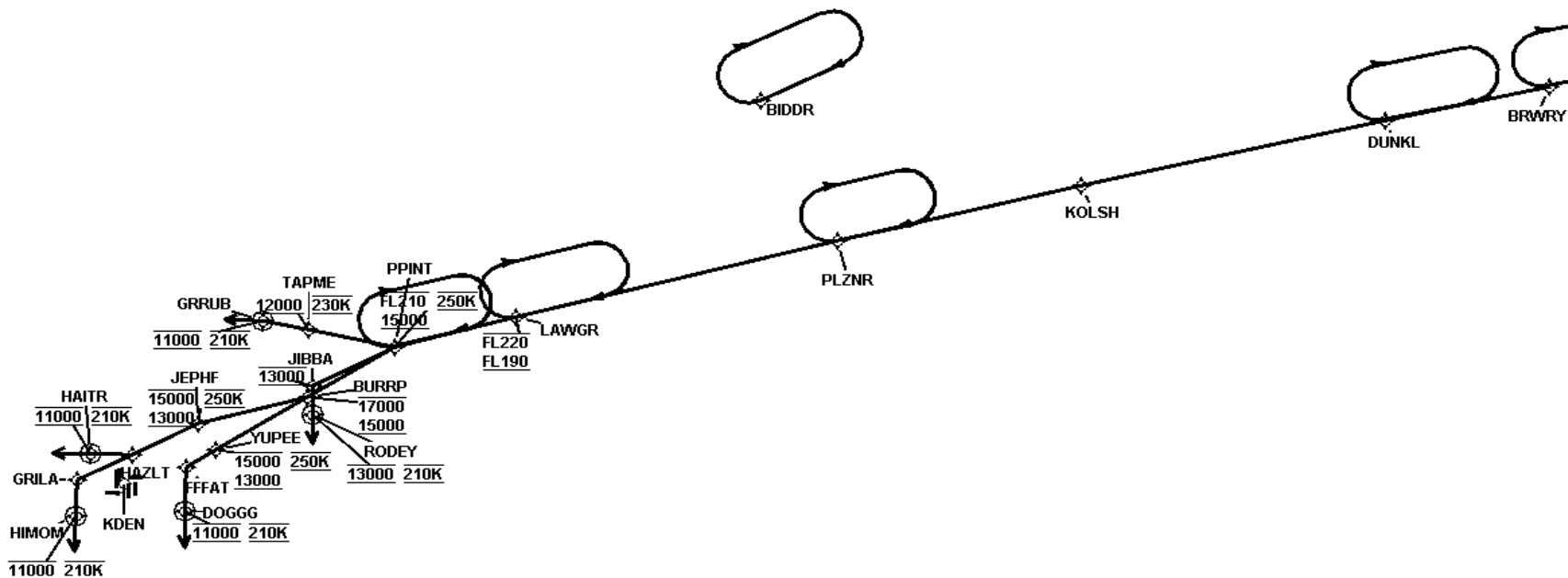
1. REQUIRED FOR AIRCRAFT TO BE IN THE CORRECT POSITION AND ALTITUDE FOR LANDING WEST TO OPTIMIZE CONVERGING LANDING OPERATIONS.
2. MEA FL200, LONGER LENGTH REQUIRED.
3. IAW 8260.19I, 4-5-3.
4. ARTIFICIALLY INCREASED MOCA VALUE TO COMPLY WITH 8260.3E, 2-2-7.D. (3).
5. ATC REQUIRED FOR TBO COMPLIANCE.
6. ATC REQUIRED FOR TBO COMPLIANCE.

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Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name LAWGR (RNAV)	Number THREE	STAR Computer Code LAWGR.LAWGR3	Superseded Number TWO	Dated 12/31/2020	Effective Date 7 OCT 21				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BRWRY	404710.65N / 1003931.00W	Y		IF					BRWRY.LAWGR3
DUNKL	404226.86N / 1010713.96W	Y	FB	TF	257.50	21.59			
KOLSH	403317.29N / 1015840.91W	Y	FB	TF	257.13	40.23			
PLZNR	402534.68N / 1023945.28W	Y	FB	TF	256.41	32.27			
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.92	42.86	FL190BFL220		
Common Route									
LAWGR	401455.85N / 1033403.11W	Y		IF			FL190BFL220		LAWGR.LAWGR3
PPINT	401051.08N / 1035433.04W	Y	FB	TF	255.56	16.22	15000BFL210	AT 250K	
Runway Transition									
PPINT	401051.08N / 1035433.04W	Y		IF			15000BFL210	AT 250K	
BURRP	400348.70N / 1040926.46W	Y	FB	TF	238.45	13.41	15000B17000		
JEPHF	400006.58N / 1042747.45W	Y	FB	TF	255.39	14.57	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									
PPINT	401051.08N / 1035433.04W	Y		IF			15000BFL210	AT 250K	
TAPME	401311.33N / 1040909.51W	Y	FB	TF	281.87	11.43	AT/ABOVE 12000	AT 230K	
GRRUB	401425.68N / 1041650.19W	Y	FO	TF	281.93	06.01	AT 11000	AT 210K	
KDEN:RWY 16L,RWY 16R,RWY 17L,RWY 17R				FM	273.00				
Runway Transition									
PPINT	401051.08N / 1035433.04W	Y		IF			15000BFL210	AT 250K	
JIBBA	400524.76N / 1040824.79W	Y	FB	TF	243.00	11.94	AT 13000		

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RODEY	400119.93N / 1040826.55W	Y	FO	TF	180.32	04.08	AT 13000	AT 210K	
KDEN:RWY 25,RWY 26				FM	180.32				

Runway Transition									
PPINT	401051.08N / 1035433.04W	Y		IF			15000BFL210	AT 250K	
BURRP	400348.70N / 1040926.46W	Y	FB	TF	238.45	13.41	15000B17000		
JEPHF	400006.58N / 1042747.45W	Y	FB	TF	255.39	14.57	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									
PPINT	401051.08N / 1035433.04W	Y		IF			15000BFL210	AT 250K	
BURRP	400348.70N / 1040926.46W	Y	FB	TF	238.45	13.41	15000B17000		
YUPEE	395627.14N / 1042452.06W	Y	FB	TF	238.27	13.95	13000B15000	AT 250K	
FFFAT	395401.30N / 1042957.17W	Y	FB	TF	238.20	04.60			
DOGGG	394754.32N / 1043003.31W	Y	FO	TF	180.74	06.11	AT 11000	AT 210K	
KDEN:RWY 35L,RWY 35R				FM	180.74				

