

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date				
LAWGR (RNAV)	FOUR	LAWGR.LAWGR4	THREE	10/07/2021					
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BRWRY	BRWRY.LAWGR4	BRWRY	BRWRY						
			DUNKL	249.50	21.59	15000	7800		
			KOLSH	249.13	40.23	15000	7800		
			PLZNR	248.41	32.27	15000	7800		BETWEEN FL300 AND FL320
			SOOUR	247.90	16.39	15000	7800		
			MARZN	247.78	12.60	15000	7800		
			LAWGR	247.47	13.87	15000	7800		BETWEEN FL190 AND FL220
DUNKL	DUNKL.LAWGR4	DUNKL	DUNKL						
			KOLSH	249.13	40.23	15000	7800		
			PLZNR	248.41	32.27	15000	7800		BETWEEN FL300 AND FL320
			SOOUR	247.90	16.39	15000	7800		
			MARZN	247.78	12.60	15000	7800		
			LAWGR	247.47	13.87	15000	7800		BETWEEN FL190 AND FL220
KOLSH	KOLSH.LAWGR4	KOLSH	KOLSH						
			PLZNR	248.41	32.27	15000	7800		BETWEEN FL300 AND FL320
			SOOUR	247.90	16.39	15000	7800		
			MARZN	247.78	12.60	15000	7800		
			LAWGR	247.47	13.87	15000	7800		BETWEEN FL190 AND FL220
MARZN	MARZN.LAWGR4	MARZN	MARZN						
			LAWGR	247.47	13.87	15000	7800		BETWEEN FL190 AND FL220
PLZNR	PLZNR.LAWGR4	PLZNR	PLZNR						BETWEEN FL300 AND FL320
			SOOUR	247.90	16.39	15000	7800		
			MARZN	247.78	12.60	15000	7800		
			LAWGR	247.47	13.87	15000	7800		BETWEEN FL190 AND FL220
SOOUR	SOOUR.LAWGR4	SOOUR	SOOUR						
			MARZN	247.78	12.60	15000	7800		
			LAWGR	247.47	13.87	15000	7800		BETWEEN FL190 AND FL220

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LAWGR (RNAV)	FOUR	LAWGR.LAWGR4	THREE	10/07/2021	

ARRIVAL ROUTE DESCRIPTION:

FROM LAWGR ON TRACK 247.56/16.22 TO CROSS PPINT BETWEEN 15000 AND FL190 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.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

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

NOTE: DUNKL, KOLSH, PLZNR, SOOUR, MARZN, AND LAWGR TRANSITIONS, ATC ASSIGNED ONLY.

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

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.

FIXES AND/OR HOLDING PATTERNS:

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

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

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.

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.

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

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LAWGR (RNAV)	FOUR	LAWGR.LAWGR4	THREE	10/07/2021	

COMMUNICATIONS:

CHART: DENVER ARTCC.
CHART: DENVER TOWER.

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
DEN	DENVER	CO

LOST COMMUNICATIONS PREFERENCES:

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:

ADDITIONAL FLIGHT DATA:

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

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

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 LAWGR.
3. ADDED RESTRICTION AT PLZNR WP OF FL300BFL320 AND AT 280 KIAS.

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LAWGR (RNAV)	FOUR	LAWGR.LAWGR4	THREE	10/07/2021	

4. REMOVED DEN APP CON FROM COMMUNICATIONS.
5. ADDED DEN ARTCC TO COMMUNICATIONS.
6. ADDED EN ROUTE TRANSITIONS BEGINNING AT DUNKL, KOLSH, PLZNR, SOOUR, MARZN, AND LAWGR WPS WITH NOTE: ATC ASSIGNED ONLY.
7. ADDED HOLDING AT SDOUT WP: HOLD NE, LT, 238.10 INBOUND, 12 NM LEGS.
8. ADDED HOLDING AT YEAST WP: HOLD NE, RT, 239.04 INBOUND, 12 NM LEGS.
9. ADDED HOLDING AT KOLSH WP: HOLD NE, RT, 249.13 INBOUND, 12 NM LEGS.
10. ADDED HOLDING AT FFFAT WP: HOLD NE, LT, 230.20 INBOUND, 10 NM LEGS.
11. CHANGED MAX ALTITUDE RESTRICTION AT PPINT FROM FL210 TO FL190.
12. MOCA VALUES ADDED FOR ALL TRANSITION ROUTE SEGMENTS.
13. ADJUSTED MEAs AND REMOVED REMARK MEA'S FL200 AND ABOVE NEEDED TO MITIGATE CRITICAL DME'S AND INSURE ADEQUATE SIGNAL RECEPTION FOR DME/DME/IRU NAVIGATION.
16. CHANGED TURBOJET NOTE TO REFLECT JET..
14. REMOVED AIRPORT NAME FROM AIRPORTS SERVED AND ADDED AIRPORT ID; REMOVED K IDENT FROM 17.1 FORM.
15. CHANGED TURBOJET NOTE TO REFLECT JET.
16. EQUIPMENT REQUIREMENTS NOTE CHANGED FROM RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT TO RADAR REQUIRED.

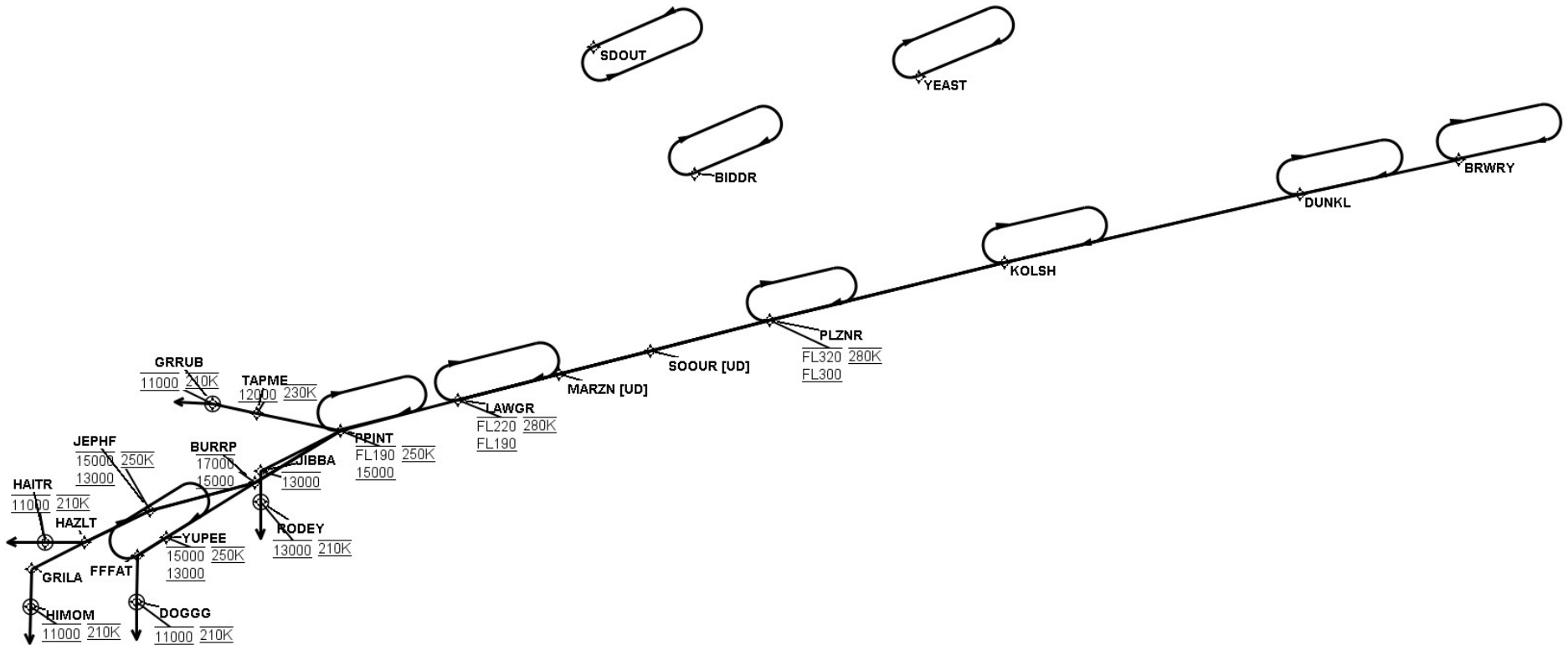
REASONS:

- 1-2. TO SATISFY ERC/ATSAP AND ZDV/D01 SAFETY COUNCIL RECOMMENDATION.
- 3, 7-10. ATC REQUEST.
4. APPROACH CONTROL AUTOMATICALLY CHARTED AND DOES NOT NEED TO BE DOCUMENTED IN THIS SECTION IAW 8260.19J PARA 4-5-12(F).
5. ATC REQUEST.
6. ATC REQUEST TO MITIGATE REROUTING AND RE-CLEARING AIRCRAFT DURING BUSY OR INCLEMENT WEATHER.
11. ATC REQUEST TO CONTAIN AIRCRAFT WITHIN ANTICIPATED DESCENT PROFILE.
12. MOCA ALWAYS DOCUMENTED IAW 8260.19J 4-5-12.b.(8).
13. NEW TERRAIN AND OBSTACLE EVALUATION AND DME/DME ASSESSMENT.
- 14-15. IAW 8260.19J DOCUMENTATION STANDARDS.
16. REQUIRED FOR RADAR VECTORS IAW 8260.19J 4-5-12.d.(2)(b)

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LAWGR (RNAV)	FOUR	LAWGR.LAWGR4	THREE	10/07/2021	
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name LAWGR (RNAV)	Number FOUR		STAR Computer Code LAWGR.LAWGR4		Superseded Number THREE		Dated 10/07/2021		Effective Date
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.LAWGR4
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	FL300BFL320	AT 280K	
SOOUR	402133.00N / 1030033.32W	Y	FB	TF	255.90	16.39			
MARZN	401826.07N / 1031630.88W	Y	FB	TF	255.78	12.60			
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.47	13.87	FL190BFL220	AT 280K	
En Route Transition									
DUNKL	404226.86N / 1010713.96W	Y		IF					DUNKL.LAWGR4
KOLSH	403317.29N / 1015840.91W	Y	FB	TF	257.13	40.23			
PLZNR	402534.68N / 1023945.28W	Y	FB	TF	256.41	32.27	FL300BFL320	AT 280K	
SOOUR	402133.00N / 1030033.32W	Y	FB	TF	255.90	16.39			
MARZN	401826.07N / 1031630.88W	Y	FB	TF	255.78	12.60			
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.47	13.87	FL190BFL220	AT 280K	
En Route Transition									
KOLSH	403317.29N / 1015840.91W	Y		IF					KOLSH.LAWGR4
PLZNR	402534.68N / 1023945.28W	Y	FB	TF	256.41	32.27	FL300BFL320	AT 280K	
SOOUR	402133.00N / 1030033.32W	Y	FB	TF	255.90	16.39			
MARZN	401826.07N / 1031630.88W	Y	FB	TF	255.78	12.60			
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.47	13.87	FL190BFL220	AT 280K	
En Route Transition									
MARZN	401826.07N / 1031630.88W	Y		IF					MARZN.LAWGR4
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.47	13.87	FL190BFL220	AT 280K	
En Route Transition									
PLZNR	402534.68N / 1023945.28W	Y		IF			FL300BFL320	AT 280K	PLZNR.LAWGR4

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STAR (DATA RECORD)**

Arrival Name LAWGR (RNAV)		Number FOUR		STAR Computer Code LAWGR.LAWGR4			Superseded Number THREE		Dated 10/07/2021	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>	
SOOUR	402133.00N / 1030033.32W	Y	FB	TF	255.90	16.39				
MARZN	401826.07N / 1031630.88W	Y	FB	TF	255.78	12.60				
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.47	13.87	FL190BFL220	AT 280K		
En Route Transition										
SOOUR	402133.00N / 1030033.32W	Y		IF					SOOUR.LAWGR4	
MARZN	401826.07N / 1031630.88W	Y	FB	TF	255.78	12.60				
LAWGR	401455.85N / 1033403.11W	Y	FB	TF	255.47	13.87	FL190BFL220	AT 280K		
Common Route										
LAWGR	401455.85N / 1033403.11W	Y		IF			FL190BFL220	AT 280K	LAWGR.LAWGR4	
PPINT	401051.08N / 1035433.04W	Y	FB	TF	255.56	16.22	15000BFL190	AT 250K		
Runway Transition										
PPINT	401051.08N / 1035433.04W	Y		IF			15000BFL190	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			15000BFL190	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			15000BFL190	AT 250K		QUALITY

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
JIBBA	400524.76N / 1040824.79W	Y	FB	TF	243.00	11.94	AT 13000		
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			15000BFL190	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			15000BFL190	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				