

US Department of Transportation Federal Aviation Administration								STAR - Standard Terminal Arrival		1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00) 2. Distances are in nautical miles to nearest hundredth (e.g. 00.00) 3. Altitudes are minimum altitudes unless otherwise indicated
(1) Transition Routes										
(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP / FIX / NAVAID	(d) To RNAV WP / FIX / NAVAID	(e) Mag Course / Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes		
HALEN	HALEN.ZPLYN2	HALEN	HALEN	305.05/32.59	FL180			AT/ABOVE FL300, AT/BELOW FL340		
			KOORN	304.74/29.97	FL180					
			ASYLM	304.43/16.24	FL180					
ZIGEE	ZIGEE.ZPLYN2	ZIGEE	ZPLYN					AT/ABOVE FL300, AT/BELOW FL340		
			ZIGEE	338.02/63.03	FL180					
			ASYLM	304.43/16.24	FL180					
(2) Arrival Route Description: FROM ZPLYN ON TRACK 304.35/8.06 TO CROSS IDOLL AT/ABOVE FL270 AT 280 KTS (MEA 18000), THENCE AS DEPICTED TO SISEE. THEN ON TRACK 353.43. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.										
Continued on block 16...										
(3) Procedural Data Notes: NOTE: RADAR REQUIRED. NOTE: RNAV 1. NOTE: DME/DME/IRU OR GPS REQUIRED. NOTE: TURBOJETS ONLY. NOTE: EXPECT RUNWAY ASSIGNMENT FROM DENVER TRACON UPON INITIAL CONTACT. NOTE: CORRESPONDING RNAV STAR IS THE BOSS. EXPECT THE BOSS WHEN DENVER IS LANDING NORTH. NOTE: LANDING VANCE BRAND: EXPECT RADAR VECTORS TO RNAV (GPS) RWY 29 APPROACH.										
(4) Fixes and/or Holding Patterns: CHART: HOLDING AT KOORN (HOLD SE, LT, HEADING 305.05 INBOUND, 10 NM LEGS); CHART HOLDING AT ZPLYN (HOLD SE, LT, HEADING 304.43 INBOUND, 10 NM LEGS); CHART HOLDING AT IDOLL (HOLD SE, LT, HEADING 304.35 INBOUND, 10 NM LEGS); CHART HOLDING AT NIIX (HOLD SE, LT, HEADING 304.16 INBOUND, 10 NM LEGS).										
(5) Communications: DEN APP CON, DEN ATIS, LMO CTAF										
(6) Arrival Name ZPLYN RNAV	(7) Number TWO	(8) STAR Computer Code ZPLYN.ZPLYN2		(9) Superseded Nr. ONE	(10) Dated 15 NOV 2012		(11) Effective Date 27 JUN 2013			

(12) Airports Served					
Airport Name DENVER INTL		City/State DENVER, CO			
Airport Name VANCE BRAND		City/State LONGMONT, CO			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
(13) Lost Communications Procedure: LANDING DEN: IN THE EVENT OF LOST COMMUNICATIONS PRIOR TO RUNWAY ASSIGNMENT, EXECUTE THE ILS RWY 17R APPROACH. LANDING LMO: IN THE EVENT OF LOST COMMUNICATIONS PRIOR TO RUNWAY ASSIGNMENT, EXECUTE THE RNAV (GPS) RWY 29 APPROACH.					
(14) Remarks:					
(15) Additional Flight Data: DME/DME ASSESSMENT: SAT (RNP 2.0). REFERENCE MAGNETIC VARIATION = KDEN 8E/2015 CHART: VANCE BRAND AIRPORT. CHART: 280 KTS AT IDOLL; CHART: 280 KTS AT NIIX; CHART: 250 KTS AT QUAIL; CHART: 250 KTS AT BOOON; CHART: 210 KTS AT QWIK.					
(6) Arrival Name ZPLYN RNAV	(7) Number TWO	(8) STAR Computer Code ZPLYN.ZPLYN2	(9) Superseded Nr. ONE	(10) Dated 15 NOV 2012	(11) Effective Date 27 JUN 2013

(16) Continuation:

(2) Arrival Route Description:
(BLOCK 2 DETAILED ARRIVAL ROUTE DESCRIPTION FOR CHARTING):

FROM ZPLYN ON TRACK 304.35/8.06 TO CROSS IDOLL AT/ABOVE FL270 AND AT 280 KTS (MEA FL180), THEN ON TRACK 304.16/27.19 TO CROSS NIIX AT/ABOVE FL230 AND AT/BELOW FL270 AND AT 280 KTS (MEA FL180), THEN ON TRACK 303.91/12.99 TO CROSS QUAIL AT/ABOVE FL200 AND AT/BELOW FL220 AND 250 KTS (MEA 16000) THEN ON TRACK 319.77/10.21 TO HAIIR (MEA 15000), THEN ON TRACK 319.66/5.25 TO CROSS JPAGE AT/ABOVE 15000 AND AT/BELOW 17000 (MEA 15000), THEN ON TRACK 319.62/11.76 TO CROSS BOOON AT/ABOVE 13000 AND AT 250 KTS (MEA 13000), THEN ON TRACK 319.54/7.39 TO CROSS JAAAM AT/ABOVE 13000 AND AT/BELOW 14000 (MEA 13000), THEN ON TRACK 352.82/5.25 TO CROSS OPREE AT/ABOVE 11000 AND AT/BELOW 12000 (MEA 11000), THEN ON TRACK 352.28/5.77 TO CROSS QWIKI AT 11000 AND AT 210 KTS (MEA 11000), THEN ON TRACK 353.43/8.67 TO ROOOL (MEA 9000), THEN ON TRACK 358.45/8.75 TO SISEE (MEA 8000), THEN ON TRACK 353.43. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(17) Changes: 1. DELETED ALTITUDE RESTRICTION AT ROOOL. 2. AMENDED COMMON ROUTE TO START AT ZPLYN. 3. TRUNCATED ZIGEE AND HALEN TRANSITIONS TO END AT ZPLYN.

(18) Reasons for Changes: 1. ATC REQUEST. 2-3. NEEDED TO COMPLY WITH NAMING CONVENTION CRITERIA.

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US Department of Transportation Federal Aviation Administration							RNAV STAR (Data Record)		
(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS
En Route Transition									
HALEN	374951.85N / 1020757.15W	Y		IF					HALEN.ZPLYN2
KOORN	381204.14N / 1023809.79W	Y	FB	TF	313.05	32.59			
ASYLM	383222.40N / 1030613.03W	Y	FB	TF	312.74	29.97			
ZPLYN	384319.31N / 1032131.87W	Y	FB	TF	312.43	16.24	+FL300, -FL340		
En Route Transition									
ZIGEE	373110.35N / 1024648.58W	Y		IF					ZIGEE.ZPLYN2
ASYLM	383222.40N / 1030613.03W	Y	FB	TF	346.02	63.03			
ZPLYN	384319.31N / 1032131.87W	Y	FB	TF	312.43	16.24	+FL300, -FL340		
Common Route									
ZPLYN	384319.31N / 1032131.87W	Y		IF			+FL300, -FL340		ZPLYN.ZPLYN2
IDOLL	384845.14N / 1032909.11W	Y	FB	TF	312.35	08.06	+FL270	280K	
NIIXX	390658.17N / 1035502.64W	Y	FB	TF	312.16	27.19	+FL230, -FL270	280K	
QUAIL	391538.81N / 1040729.62W	Y	FB	TF	311.91	12.99	+FL200, -FL220	250K	
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HAIIR	392417.22N / 1041431.12W	Y	FB	TF	327.77	10.21				
JPAGE	392843.71N / 1041808.87W	Y	FB	TF	327.66	05.25	+15000, -17000			
BOOON	393839.84N / 1042618.00W	Y	FB	TF	327.62	11.76	+13000	250K		
JAAAM	394454.15N / 1043126.56W	Y	FB	TF	327.54	07.39	+13000, -14000			
OPREE	395009.15N / 1043120.74W	Y	FB	TF	000.82	05.25	+11000, -12000			
QWIKE	395555.43N / 1043118.56W	Y	FB	TF	000.28	05.77	11000	210K		
ROOOL	400435.69N / 1043101.62W	Y	FB	TF	001.43	08.67				
SISSE	401317.74N / 1042944.67W	Y	FO	TF	006.45	08.75				
KDEN				FM	001.43					
(11) Arrival Name ZPLYN RNAV		(12) Number TWO		(13) STAR Computer Code ZPLYN.ZPLYN2		(14) Superseded Nr. ONE		(15) Dated 15 NOV 2012		(16) Effective Date 27 JUN 2013

**US Department of Transportation
Federal Aviation Administration**
STAR (Data Record)

ARINC PACKET - 424-18 - STAR

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	DVV	K2011470VTHW	N39534088W104372761	N39534088W104372761	E0080052792	NARMILE	HIGH						

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	ASYLM K20	W	H	N38322240W103061303				E0076	NAR		ASYLM		
SUSAEAENRT	BOOON K20	W		N39383984W104261800				E0084	NAR		BOOON		
SUSAEAENRT	HAIIR K20	W		N39241722W104143112				E0083	NAR		HAIIR		
SUSAEAENRT	HALEN K20	W	H	N37495185W102075715				E0070	NAR		HALEN		
SUSAEAENRT	IDOLL K20	W		N38484514W103290911				E0078	NAR		IDOLL		
SUSAEAENRT	JAAAM K20	W		N39445415W104312656				E0084	NAR		JAAAM		
SUSAEAENRT	JPAGE K20	W		N39284371W104180887				E0083	NAR		JPAGE		
SUSAEAENRT	KOORN K20	W		N38120414W102380979				E0073	NAR		KOORN		
SUSAEAENRT	NIIXX K20	W		N39065817W103550264				E0081	NAR		NIIXX		
SUSAEAENRT	OPREE K20	W		N39500915W104312074				E0084	NAR		OPREE		
SUSAEAENRT	QUAIL K20	C	B	N39153881W104072962				E0082	NAR		QUAIL		
SUSAEAENRT	QWIKE K20	W		N39555543W104311856				E0085	NAR		QWIKE		
SUSAEAENRT	ROOOL K20	W		N40043569W104310162				E0085	NAR		ROOOL		
SUSAEAENRT	SISEE K20	W		N40131774W104294467				E0085	NAR		SISEE		
SUSAEAENRT	ZIGEE K20	W	H	N37311035W102464858				E0073	NAR		ZIGEE		
SUSAEAENRT	ZPLYN K20	W		N38431931W103213187				E0077	NAR		ZPLYN		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDENK2ADEN	0	160YHN39514200W104402340E008005434	1800018000C	MNAR	DENVER INTL							

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDENK2EZPLYN24HALEN	010HALENK2EA0E	IF							18000			
SUSAP	KDENK2EZPLYN24HALEN	020KOORNK2EA0E	H 010TF										
SUSAP	KDENK2EZPLYN24HALEN	030ASYLMK2EA0E	010TF										
SUSAP	KDENK2EZPLYN24HALEN	040ZPLYNK2EA0EE	H 010TF					B FL340FL300					
SUSAP	KDENK2EZPLYN24ZIGEE	010ZIGEEK2EA0E	IF							18000			
SUSAP	KDENK2EZPLYN24ZIGEE	020ASYLMK2EA0E	010TF										
SUSAP	KDENK2EZPLYN24ZIGEE	030ZPLYNK2EA0EE	H 010TF					B FL340FL300					

(11)
Arrival Name
ZPLYN RNAV

(12)
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TWO

(13)
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ZPLYN.ZPLYN2

(14)
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ONE

(15)
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(16)
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FAA Form 7100-3 (9/02)

STAR (Data Record)

[illegible]

**US Department of Transportation
Federal Aviation Administration**
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ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HALEN	HALEN	010		IF		FB					
	HALEN	KOORN	020		TF		FB	1.0				
	HALEN	ASYLM	030		TF		FB	1.0				
	HALEN	ZPLYN	040		TF		FB	1.0			BT FL340FL300	
	ZIGEE	ZIGEE	010		IF		FB					
	ZIGEE	ASYLM	020		TF		FB	1.0				
	ZIGEE	ZPLYN	030		TF		FB	1.0			BT FL340FL300	
	ALL	ZPLYN	010		IF		FB				BT FL340FL300	
	ALL	IDOLL	020		TF		FB	1.0			AA FL270	AT 280
	ALL	NIIXX	030		TF		FB	1.0			BT FL270FL230	AT 280
	ALL	QUAIL	040		TF		FB	1.0			BT FL220FL200	AT 250
	ALL	HAIIR	050		TF		FB	1.0				
	ALL	JPAGE	060		TF		FB	1.0			BT 1700015000	
	ALL	BOOON	070		TF		FB	1.0			AA 13000	AT 250
	ALL	JAAAM	080		TF		FB	1.0			BT 1400013000	
	ALL	OPREE	090		TF		FB	1.0			BT 1200011000	
	ALL	QWIKE	100		TF		FB	1.0			AT 11000	AT 210
	ALL	ROOOL	110		TF		FB	1.0				
	ALL	SISEE	120		TF		FO	1.0				
	ALL	SISEE	130		FM		FB			353.4()		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DVV	N395340.88	W1043727.61	N3953.681	W10437.460
	ASYLM	N383222.40	W1030613.03	N3832.373	W10306.217
	BOOON	N393839.84	W1042618.00	N3938.664	W10426.300
	HAIIR	N392417.22	W1041431.12	N3924.287	W10414.519
	HALEN	N374951.85	W1020757.15	N3749.864	W10207.953
	IDOLL	N384845.14	W1032909.11	N3848.752	W10329.152
	JAAAM	N394454.15	W1043126.56	N3944.903	W10431.443
	JPAGE	N392843.71	W1041808.87	N3928.729	W10418.148
	KOORN	N381204.14	W1023809.79	N3812.069	W10238.163
	NIIXX	N390658.17	W1035502.64	N3906.970	W10355.044
	OPREE	N395009.15	W1043120.74	N3950.153	W10431.346
	QUAIL	N391538.81	W1040729.62	N3915.647	W10407.494
	QWIKE	N395555.43	W1043118.56	N3955.924	W10431.309
	ROOOL	N400435.69	W1043101.62	N4004.595	W10431.027
	SISEE	N401317.74	W1042944.67	N4013.296	W10429.745

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27 JUN 2013

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Federal Aviation Administration**
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ZIGEE	N373110.35	W1024648.58	N3731.173	W10246.810
ZPLYN	N384319.31	W1032131.87	N3843.322	W10321.531
RW07	N395027.40	W1044335.96	N3950.457	W10443.599
RW08	N395239.20	W1043944.03	N3952.653	W10439.734
RW16L	N395349.33	W1044112.50	N3953.822	W10441.208
RW16R	N395344.87	W1044145.90	N3953.748	W10441.765
RW17L	N395153.83	W1043828.70	N3951.897	W10438.478
RW17R	N395140.48	W1043936.56	N3951.675	W10439.609
RW25	N395026.37	W1044102.17	N3950.440	W10441.036
RW26	N395238.08	W1043710.15	N3952.635	W10437.169
RW34L	N395106.79	W1044147.72	N3951.113	W10441.795
RW34R	N395150.77	W1044113.88	N3951.846	W10441.231
RW35L	N394941.93	W1043937.98	N3949.699	W10439.633
RW35R	N394955.27	W1043830.16	N3949.921	W10438.503

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW07	05350	55
RW08	05354	52
RW16L	05350	60
RW16R	05322	55
RW17L	05328	48
RW17R	05378	60
RW25	05355	55
RW26	05294	55
RW34L	05327	50
RW34R	05354	59
RW35L	05434	57
RW35R	05370	59

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ONE

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15 NOV 2012

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27 JUN 2013

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SUSAP	KLMOK2EZPLYN25ALL	010ZPLYNK2EA0E	H	IF		B	FL340FL30018000	
SUSAP	KLMOK2EZPLYN25ALL	020IDOLLK2EA0E	H	010TF		+	FL270	280
SUSAP	KLMOK2EZPLYN25ALL	030NIIXXK2EA0E	H	010TF		B	FL270FL230	280
SUSAP	KLMOK2EZPLYN25ALL	040QUAILK2EA0E		010TF		B	FL220FL200	250
SUSAP	KLMOK2EZPLYN25ALL	050HAIIRK2EA0E		010TF				
SUSAP	KLMOK2EZPLYN25ALL	060JPAGEK2EA0E		010TF		B	1700015000	
SUSAP	KLMOK2EZPLYN25ALL	070BOOONK2EA0E		010TF		+	13000	250
SUSAP	KLMOK2EZPLYN25ALL	080JAAAMK2EA0E		010TF		B	1400013000	
SUSAP	KLMOK2EZPLYN25ALL	090OPREEK2EA0E		010TF		B	1200011000	
SUSAP	KLMOK2EZPLYN25ALL	100QWIEK2EA0E		010TF			11000	210
SUSAP	KLMOK2EZPLYN25ALL	110ROOOLK2EA0E		010TF				
SUSAP	KLMOK2EZPLYN25ALL	120SISEEK2EA0EY		010TF				
SUSAP	KLMOK2EZPLYN25ALL	130SISEEK2EA0EE		FM DVV K2	008802053534	D		

[illegible]

(11) Arrival Name ZPLYN RNAV	(12) Number TWO	(13) STAR Computer Code ZPLYN.ZPLYN2	(14) Superseded Nr. ONE	(15) Dated 15 NOV 2012	(16) Effective Date 27 JUN 2013
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	HALEN	HALEN	010		IF		FB					
	HALEN	KOORN	020		TF		FB	1.0				
	HALEN	ASYLM	030		TF		FB	1.0				
	HALEN	ZPLYN	040		TF		FB	1.0			BT FL340FL300	
	ZIGEE	ZIGEE	010		IF		FB					
	ZIGEE	ASYLM	020		TF		FB	1.0				
	ZIGEE	ZPLYN	030		TF		FB	1.0			BT FL340FL300	
	ALL	ZPLYN	010		IF		FB				BT FL340FL300	
	ALL	IDOLL	020		TF		FB	1.0			AA FL270	AT 280
	ALL	NIIXX	030		TF		FB	1.0			BT FL270FL230	AT 280
	ALL	QUAIL	040		TF		FB	1.0			BT FL220FL200	AT 250
	ALL	HAIIR	050		TF		FB	1.0				
	ALL	JPAGE	060		TF		FB	1.0			BT 1700015000	
	ALL	BOOON	070		TF		FB	1.0			AA 13000	AT 250
	ALL	JAAAM	080		TF		FB	1.0			BT 1400013000	
	ALL	OPREE	090		TF		FB	1.0			BT 1200011000	
	ALL	QWIKE	100		TF		FB	1.0			AT 11000	AT 210
	ALL	ROOOL	110		TF		FB	1.0				
	ALL	SISEE	120		TF		FO	1.0				
	ALL	SISEE	130		FM		FB		353.4()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DVV	N395340.88	W1043727.61	N3953.681	W10437.460
	ASYLM	N383222.40	W1030613.03	N3832.373	W10306.217
	BOOON	N393839.84	W1042618.00	N3938.664	W10426.300
	HAIIR	N392417.22	W1041431.12	N3924.287	W10414.519
	HALEN	N374951.85	W1020757.15	N3749.864	W10207.953
	IDOLL	N384845.14	W1032909.11	N3848.752	W10329.152
	JAAAM	N394454.15	W1043126.56	N3944.903	W10431.443
	JPAGE	N392843.71	W1041808.87	N3928.729	W10418.148
	KOORN	N381204.14	W1023809.79	N3812.069	W10238.163
	NIIXX	N390658.17	W1035502.64	N3906.970	W10355.044
	OPREE	N395009.15	W1043120.74	N3950.153	W10431.346
	QUAIL	N391538.81	W1040729.62	N3915.647	W10407.494
	QWIKE	N395555.43	W1043118.56	N3955.924	W10431.309
	ROOOL	N400435.69	W1043101.62	N4004.595	W10431.027
	SISEE	N401317.74	W1042944.67	N4013.296	W10429.745

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ZIGEE	N373110.35	W1024648.58	N3731.173	W10246.810
ZPLYN	N384319.31	W1032131.87	N3843.322	W10321.531
RW11	N401004.59	W1051015.10	N4010.077	W10510.252
RW29	N400939.02	W1050923.07	N4009.650	W10509.385

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW11	05055	24
RW29	05031	37

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