

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BRRTO (RNAV)	ONE	BRRTO.BRRTO1	NONE		2 DEC 21

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
KALSE	KALSE.BRRTO1	KALSE	KALSE						
			BRRTO	024.45	51.68	14000	12400		BETWEEN FL210 AND FL280
TMALE	TMALE.BRRTO1	TMALE	TMALE						AT/BELOW FL350
			BRRTO	062.02	42.79	14000	12400		BETWEEN FL210 AND FL280

ARRIVAL ROUTE DESCRIPTION:

FROM BRRTO ON TRACK 051.38/29.02 TO CROSS ELRRA BETWEEN 14000 AND 18000, THEN ON TRACK 052.31/7.08 TO CROSS XMRKS AT OR ABOVE 11000 AND AT 250 KIAS.

LANDING RWY 3: FROM XMRKS ON TRACK 082.98/9.36 TO CROSS SHWNA AT OR ABOVE 9000, THEN ON TRACK 083.61/8.10 TO CROSS BIBQU AT OR ABOVE 8000 AND AT 210 KIAS. EXPECT RNP, GPS, OR ILS RWY 3 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 8: FROM XMRKS ON TRACK 051.64/7.66 TO CROSS AMRRA AT OR ABOVE 10000, THEN ON TRACK 053.02/12.00 TO CROSS UNCIR AT OR ABOVE 8000 AND AT 210 KIAS. EXPECT RNP OR ILS RWY 8 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE..

LANDING RWY 21: FROM XMRKS ON TRACK 051.64/7.66 TO CROSS AMRRA AT OR ABOVE 10000, THEN ON TRACK 049.70/13.37 TO CROSS FOXRR AT 10000 AND AT 210 KIAS. EXPECT RNP Y RWY 21 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 26: FROM XMRKS ON TRACK 070.70/22.38 TO CROSS STIKI AT 10000 AND AT 210 KIAS, THEN ON TRACK 076.56/2.94 TO CROSS BRNDO AT OR ABOVE 9000 AND AT 210 KIAS. EXPECT RNP Z RWY 26 APPROACH OR 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: TURBOJET AIRCRAFT ONLY

NOTE: KALSE TRANSITION: FOR NON-GPS EQUIPPED AIRCRAFT, ABQ DME MUST BE OPERATIONAL.

NOTE: TMALE TRANSITION: FOR NON-GPS EQUIPPED AIRCRAFT, ABQ DME MUST BE OPERATIONAL.

NOTE: LANDING RWY 3, EXPECT RADAR VECTORS PRIOR TO BIBQU.

NOTE: LANDING RWY 8, EXPECT RADAR VECTORS PRIOR TO UNCIR.

NOTE: LANDING RWY 21, EXPECT RADAR VECTORS PRIOR TO FOXRR.

NOTE: LANDING RWY 26, EXPECT RADAR VECTORS PRIOR TO BRNDO.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BRRTO: HOLD SW, LT, 062.02 INBOUND, 10 NM LEGS.

CHART HOLDING AT ELRRA: HOLD SW, LT, 051.38 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: ALBUQUERQUE APP CON.

AIRPORTS SERVED:

ALBUQUERQUE INTL SUNPORT, ALBUQUERQUE, NM (KABQ)



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LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KABQ 11E/1995
CHART AT FOXRR TERMINUS: KABQ LDG RWY 21.
CHART AT UNCIR TERMINUS: KABQ LDG RWY 8.
CHART AT BRNDQ TERMINUS: KABQ LDG RWY 26.
CHART AT BIBQU TERMINUS: KABQ LDG RWY 3.
CAUTION: GLIDER ACTIVITY SUNRISE TO SUNSET; 30 TO 50 MILES EAST OF KABQ; 17500 FT MSL AND BELOW.

FLIGHT INSPECTED BY:

BRYAN VEIT
Name

FPO
Organization

09/16/2021
Date

Digitally signed by

JON DENTON

Sep 20, 2021

Signature

DEVELOPED BY:

JOHN CORMIER, DISTRICT SUPPORT MANAGER,
AIRSPACE, PROCEDURES, PLANNING, AND
REQUIREMENTS
Name

ZAB ARTCC
Organization

08/06/2021
Date

Digitally signed by

JON DENTON

Sep 20, 2021

Signature

APPROVED BY:

LONNIE EVERHART
Name

AJV-A430
Organization

Date

Digitally signed by

JON DENTON

Sep 20, 2021

Signature

CHANGES:

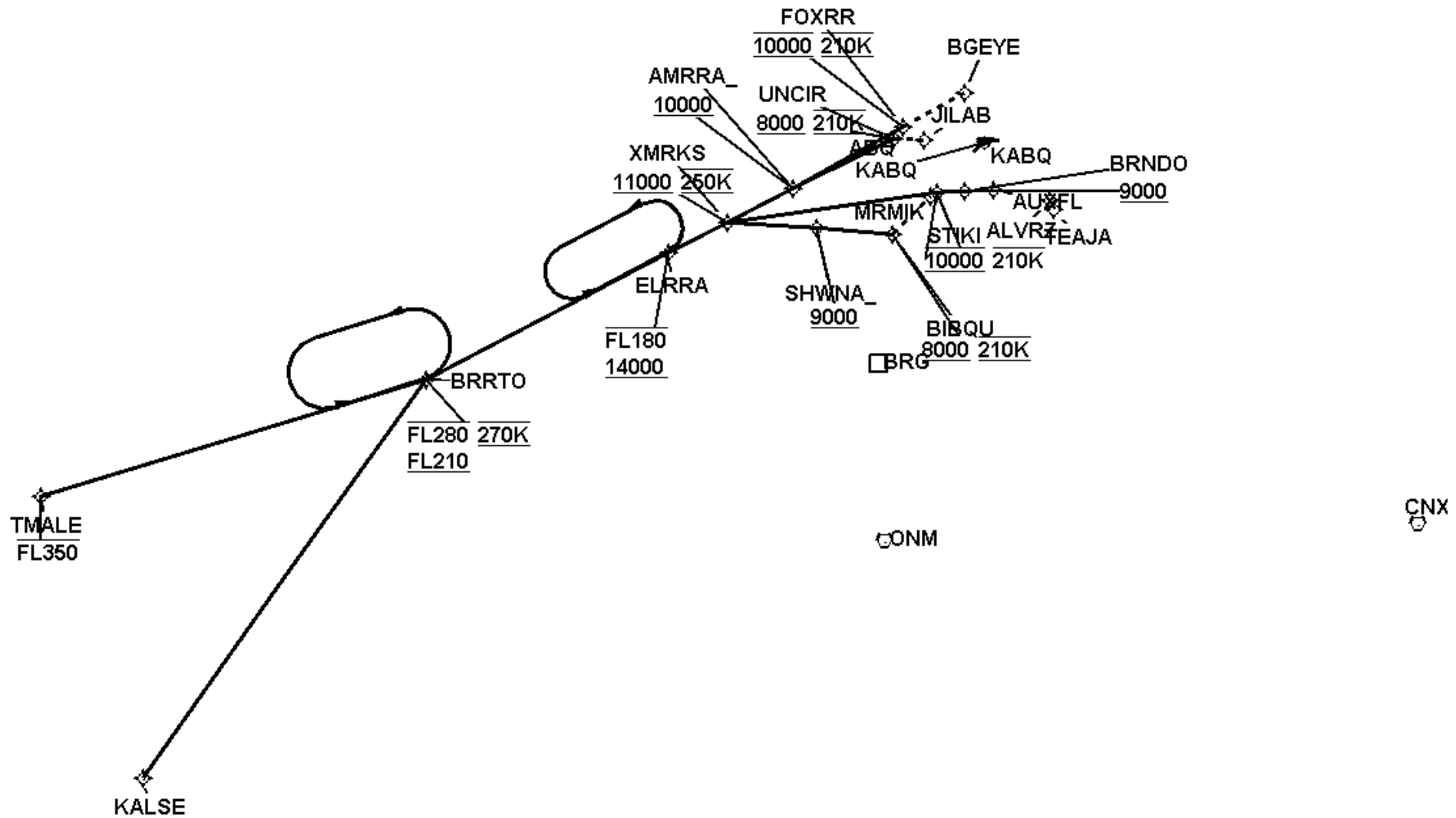
REASONS:



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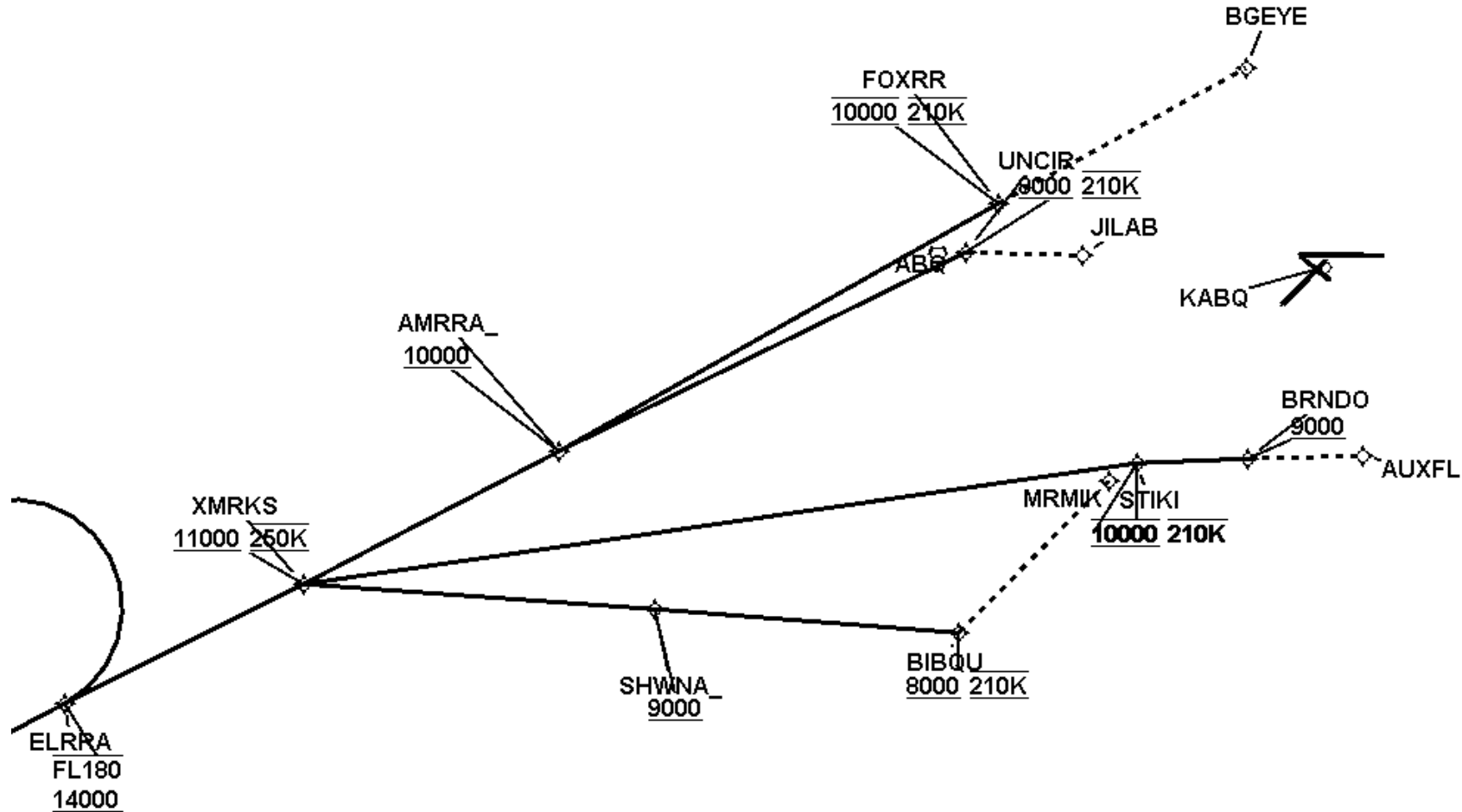
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BRRTO (RNAV)	ONE	BRRTO.BRRTO1	NONE		2 DEC 21
Graphic Depiction 1					



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BRRTO (RNAV)	ONE	BRRTO.BRRTO1	NONE		2 DEC 21
Graphic Depiction 7					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name BRRTO (RNAV)		Number ONE		STAR Computer Code BRRTO.BRRTO1		Superseded Number NONE		Dated	Effective Date 2 DEC 21
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
KALSE	335515.95N / 1082444.17W	Y		IF					KALSE.BRRTO1
BRRTO	343721.01N / 1074824.64W	Y	FB	TF	035.45	51.68	FL210BFL280	AT 270K	
En Route Transition									
TMALE	342500.00N / 1083800.00W	Y		IF			AT/BELOW FL350		TMALE.BRRTO1
BRRTO	343721.01N / 1074824.64W	Y	FB	TF	073.02	42.79	FL210BFL280	AT 270K	
Common Route									
BRRTO	343721.01N / 1074824.64W	Y		IF			FL210BFL280	AT 270K	BRRTO.BRRTO1
ELRRA	345045.74N / 1071710.21W	Y	FB	TF	062.38	29.02	14000BFL180		
XMRKS	345356.73N / 1070928.58W	Y	FB	TF	063.31	07.08	AT/ABOVE 11000	AT 250K	
Runway Transition									
XMRKS	345356.73N / 1070928.58W	Y		IF			AT/ABOVE 11000	AT 250K	
SHWNA	345317.14N / 1065807.81W	Y	FB	TF	093.98	09.36	AT/ABOVE 9000		
BIBQU	345237.59N / 1064819.02W	Y	FB	TF	094.61	08.10	AT/ABOVE 8000	AT 210K	
KABQ:RWY 3									
Runway Transition									
XMRKS	345356.73N / 1070928.58W	Y		IF			AT/ABOVE 11000	AT 250K	
AMRRA	345727.99N / 1070112.06W	Y	FB	TF	062.64	07.66	AT/ABOVE 10000		
UNCIR	350243.16N / 1064803.68W	Y	FB	TF	064.02	12.00	AT/ABOVE 8000	AT 210K	
KABQ:RWY 8									
Runway Transition									
XMRKS	345356.73N / 1070928.58W	Y		IF			AT/ABOVE 11000	AT 250K	
AMRRA	345727.99N / 1070112.06W	Y	FB	TF	062.64	07.66	AT/ABOVE 10000		

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Arrival Name BRRTO (RNAV)	Number ONE	STAR Computer Code BRRTO.BRRTO1		Superseded Number NONE		Dated	Effective Date 2 DEC 21		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
FOXRR	350400.40N / 1064659.76W	Y	FB	TF	060.70	13.37	AT 10000	AT 210K	
KABQ:RWY 21									
Runway Transition									
XMRKS	345356.73N / 1070928.58W	Y		IF			AT/ABOVE 11000	AT 250K	
STIKI	345707.97N / 1064231.90W	Y	FB	TF	081.70	22.38	AT 10000	AT 210K	
BRNDO	345715.45N / 1063857.26W	Y	FB	TF	087.56	02.94	AT/ABOVE 9000	AT 210K	
KABQ:RWY 26									

QUALITY
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CHECKED