

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TRAKS (RNAV)	TWO	TRAKS.TRAKS2	ONE	01/05/2017	EFF 17 AUG 2017

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
OTONE	OTONE.TRAKS2	OTONE	OTONE						
			MAACK	158.40	41.24	8000	7000		
			TRAKS	158.69	34.11	6900	5600		
SPARTANBURG	SPA.TRAKS2	SPA VORTAC	SPA VORTAC						
			MURKY	040.92	20.00	6900	3300		
			KHAOS	041.05	30.00	6900	4000		
			TRAKS	061.91	41.08	6900	4100		

ARRIVAL ROUTE DESCRIPTION:

KGSO: FROM TRAKS ON TRACK 106.72/16.94 TO DEMNZ.
LANDING KGSO RWY 05L: FROM DEMNZ ON TRACK 142.91/10.00 TO CROSS DEAKN AT 11000, THEN ON HEADING 098.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
LANDING KGSO RWY 05R: FROM DEMNZ ON TRACK 157.99/10.46 TO CROSS PDMNT AT 11000, THEN ON HEADING 080.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
LANDING KGSO RWY 14/32: FROM DEMNZ ON TRACK 094.33/7.38 TO CROSS EARLL AT 11000, THEN ON HEADING 098.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
LANDING KGSO RWY 23L/R: FROM DEMNZ ON TRACK 095.82/7.59 TO KVILL, THEN ON TRACK 054.60/8.81 TO CROSS GLFRD AT 11000, THEN ON HEADING 060.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
LANDING KINT: FROM TRAKS ON TRACK 106.72/16.94 TO DEMNZ, THEN ON TRACK 142.91/10.00 TO CROSS DEAKN AT 11000, THEN ON HEADING 098.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED
NOTE: RNAV 1
NOTE: DME/DME/IRU OR GPS REQUIRED
NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY
NOTE: TURBOJETS EXPECT TO CROSS TRAKS AT 11000 AND 250 KIAS.

FIXES AND/OR HOLDING PATTERNS:

COMMUNICATIONS:

GREENSBORO ATIS
WINSTON-SALEM ATIS
GREENSBORO APP CON

AIRPORTS SERVED:

PIEDMONT TRIAD INTL, GREENSBORO, NC (KGSO)
SMITH REYNOLDS, WINSTON SALEM, NC (KINT)



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LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KGSO 08W/2010.

FLIGHT INSPECTED BY:

CHRISTOPHER D FORMAN
Name

FICO
Organization

06-2-2017
Date

Digitally signed by
JOHNNIE BAKER
Jun 08, 2017
Signature

DEVELOPED BY:

CHERYL ZIBROWSKI (FAA), JIM A WILLIAMS (NATCA)
Name

CLT METROPLEX
Organization

04/25/2017
Date

Digitally signed by
JOHNNIE BAKER
Jun 08, 2017
Signature

APPROVED BY:

MARLON J. ROBINSON, MANAGER
Name

AJV-5440
Organization

Date

Digitally signed by
JOHNNIE BAKER
Jun 08, 2017
Signature

CHANGES:

- 1). REPLACED WMPLR TRANSITION with OTONE TRANSITION.
- 2). CREATED WAYPOINT MAACK in ZTL AIRSPACE.
- 3). REMOVED ALL MEAs/MOCAs on ALL RUNWAY/COMMON ROUTE TRANSITIONS.
- 4). CREATED NEW RWY/14/32 TRANSITION for KGSO.
- 5). REMOVED KVLALL and GLFRD from KINT TRANSITION.
- 6. ADDED TERMINUS ALTITUDE 11000 TO ALL FIXES IN ARRIVAL DESCRIPTION.

REASONS:

- 1). NEW TRANSITION WILL DECONFLICT from PARQR3 (RNAV) STAR.
- 2). STANDALONE WAYPOINT WILL BE USED AS A REFERENCE POINT FOR CROSSING RESTRICTIONS FROM HIGH ALTITUDE to LOW ALTITUDE SECTORS. 3). NO LONGER REQUIRED per 8260.19G
- 4). REQUEST MADE BY GSO ATCT TO HAVE FEED TRAFFIC LANDING RWY 14/32 at KGSO.
- 5). NEW TRANSITION WILL PROVIDE MORE EFFICIENT ROUTING for USERS.
- 6). IAW 8260.3C, 2-2-1.f.(6)(b).

06/16/2017: THIS IS AN CORRECTED COPY OF THE FORM APPROVED ON 06/08/2017.
1. CHANGED RWY 14/32 MAGNETIC HEADING FROM 090 TO 098 ON 17.1 FORM.

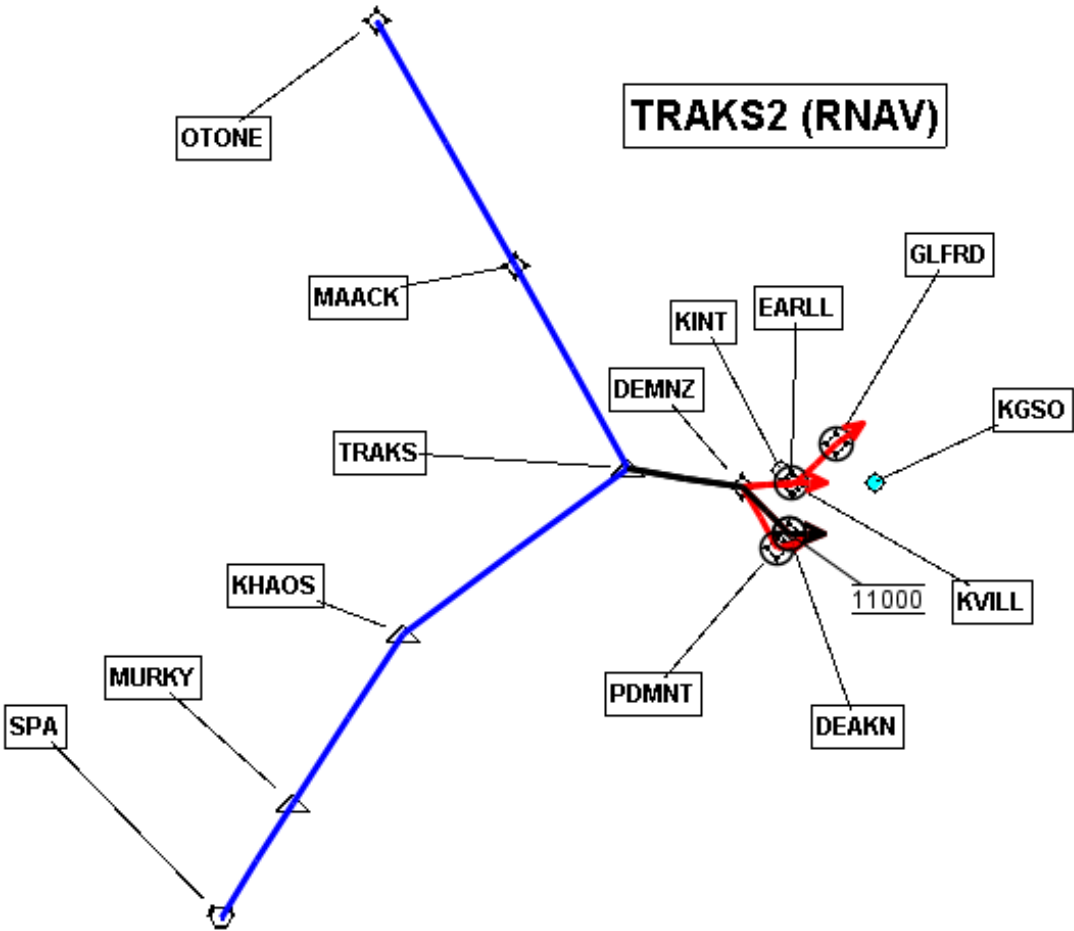


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Graphic Depiction 1

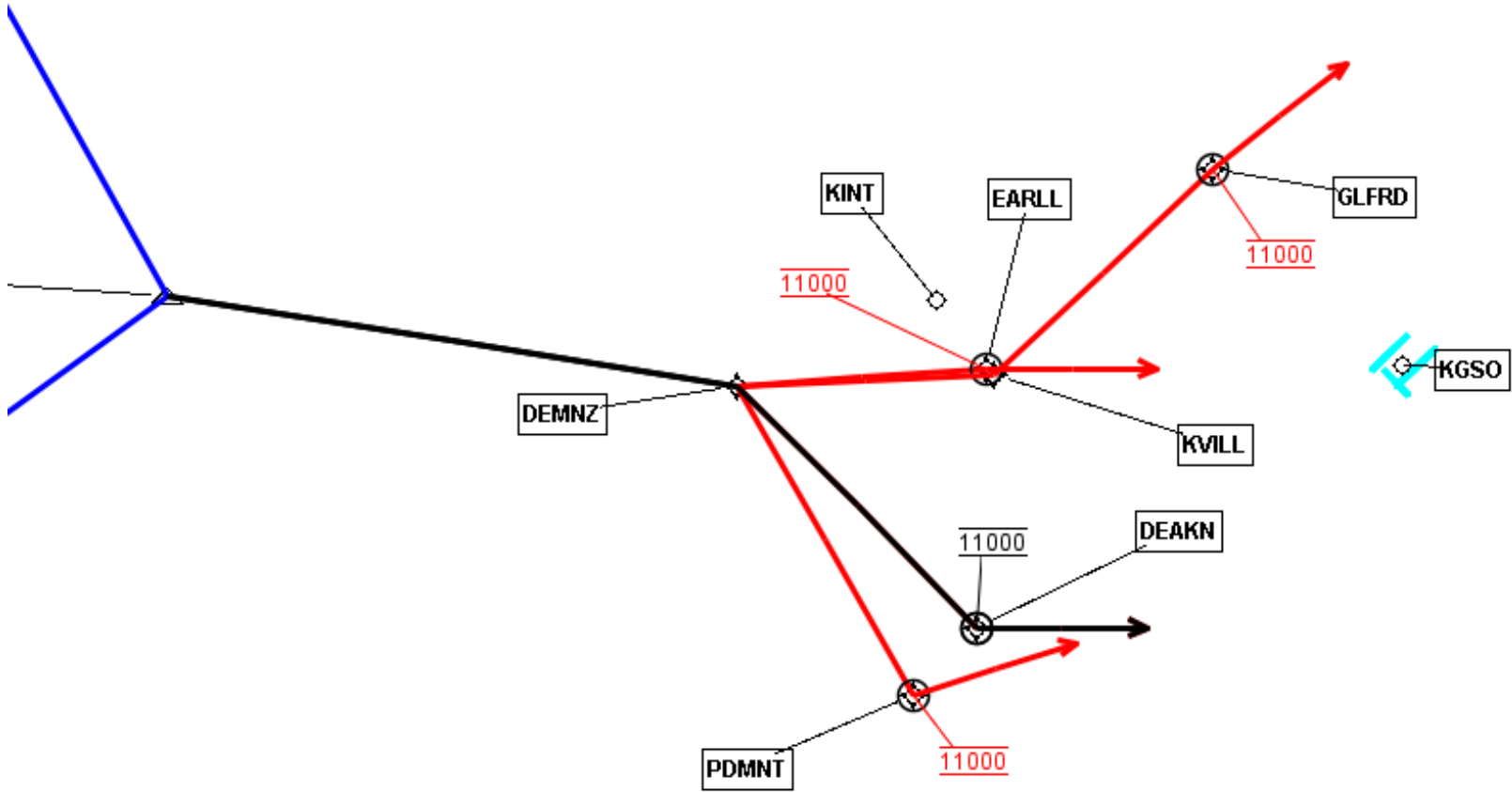


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Graphic Depiction 2



FEDERAL AVIATION ADMINISTRATION

FLIGHT STANDARDS SERVICE

STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TRAKS (RNAV)	TWO	TRAKS.TRAKS2	ONE	01/05/2017	17 AUG 2017

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
OTONE	371351.93N / 0812710.68W	Y		IF					OTONE.TRAKS2
MAACK	363755.07N / 0810152.36W	Y	FB	TF	150.40	41.24			
TRAKS	360805.89N / 0804115.52W	Y	FB	TF	150.69	34.11			
En Route Transition									
SPA VORTAC	350201.05N / 0815537.24W	Y		IF					SPA.TRAKS2
MURKY	351849.18N / 0814220.30W	Y	FB	TF	032.92	20.00			
KHAOS	354358.55N / 0812214.49W	Y	FB	TF	033.05	30.00			
TRAKS	360805.89N / 0804115.52W	Y	FB	TF	053.91	41.08			
Common Route									
TRAKS	360805.89N / 0804115.52W	Y		IF					TRAKS.TRAKS2
DEMNZ	360529.82N / 0802036.06W	Y	FB	TF	098.72	16.94			
Common Route									
TRAKS	360805.89N / 0804115.52W	Y		IF					TRAKS.TRAKS2
DEMNZ	360529.82N / 0802036.06W	Y	FB	TF	098.72	16.94			
DEAKN	355825.28N / 0801152.55W	Y	FO	TF	134.91	10.00	AT 11000		
KINT				VM	090.00				
Runway Transition									
DEMNZ	360529.82N / 0802036.06W	Y		IF					
DEAKN	355825.28N / 0801152.55W	Y	FO	TF	134.91	10.00	AT 11000		
KGSO:RWY 05L				VM	090.00				

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name TRAKS (RNAV)	Number TWO		STAR Computer Code TRAKS.TRAKS2		Superseded Number ONE		Dated 01/05/2017	Effective Date 17 AUG 2017	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
DEMNZ	360529.82N / 0802036.06W	Y		IF					
PDMNT	355625.41N / 0801409.53W	Y	FO	TF	149.99	10.46	AT 11000		
KGSO:RWY 05R				VM	072.00				
Runway Transition									
DEMNZ	360529.82N / 0802036.06W	Y		IF					
EARLL	360557.84N / 0801130.55W	Y	FO	TF	086.33	07.38	AT 11000		
KGSO:RWY 14,RWY 32				VM	090.00				
Runway Transition									
DEMNZ	360529.82N / 0802036.06W	Y		IF					
KVILL	360546.78N / 0801114.62W	Y	FB	TF	087.82	07.59			
GLFRD	361150.35N / 0800320.01W	Y	FO	TF	046.60	08.81	AT 11000		
KGSO:RWY 23L,RWY 23R				VM	052.00				