

**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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
TRAKS (RNAV)	THREE	TRAKS.TRAKS3	TWO	08/17/2017	21 MAY 2020

TRANSITION ROUTES:

<u>Transition Name</u>	<u>Transition Computer Code</u>	<u>From FIX/NAVAID</u>	<u>To FIX/NAVAID</u>	<u>Course</u>	<u>Distance</u>	<u>MEA</u>	<u>MOCA</u>	<u>MAA</u>	<u>Crossing Altitude/Fixes</u>
OTONE	OTONE.TRAKS3	OTONE	OTONE						
			MAACK	158.40	41.24	8000	7000		
			TRAKS	158.69	34.11	6900	5600		
SPARTANBURG	SPA.TRAKS3	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/DMEIRU OR GPS REQUIRED
 NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY
 NOTE: TURBOJETS EXPECT TO CROSS TRAKS AT 11000

FIXES AND/OR HOLDING PATTERNS:

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COMMUNICATIONS:

GREENSBORO ATIS
WINSTON-SALEM ATIS
GREENSBORO APP CON

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
PIEDMONT TRIAD INTL (KGSO)	GREENSBORO	NC
SMITH REYNOLDS (KINT)	WINSTON SALEM	NC

LOST COMMUNICATIONS PREFERENCES:**REMARKS:****ADDITIONAL FLIGHT DATA:**

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

FLIGHT INSPECTED BY:**ORGANIZATION:****DATE:**

Digitally signed by

DAVID TEFFETELLER

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP
(AJW-333) MEMO, OCT 3, 2018

Flight Inspected Signature: Feb 03, 2020

DEVELOPED BY:

Digitally signed by

SCOTT BAGENSIE

SCOTT BAGENSIE

AJV-A433

12/30/2019

Developed By Signature:

Jan 09, 2020

APPROVED BY:

LONNIE EVERHART

AJV-A430

Approved By Signature:

Digitally signed by

DAVID TEFFETELLER

Feb 03, 2020

CHANGES:

**FEDERAL AVIATION ADMINISTRATION
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1. DELETED AIRSPEED RESTRICTION FOR TURBOJET AIRCRAFT AT TRAKS (250KTS).

REASONS:

1. NO LONGER REQUIRED.



**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TRAKS (RNAV)	THREE	TRAKS.TRAKS3	TWO	08/17/2017	21 MAY 2020

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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EN ROUTE TRANSITION

OTONE 371351.93N/0812710.68W Y IF OTONE.TRAKS3

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.TRAKS3

MURKY 351849.18N/0814220.30W Y FB TF 032.92 20.00

KHAOS 354358.55N/0812214.49W Y FB TF 033.50 30.00

TRAKS 360805.89N/0804115.52W Y FB TF 053.91 41.08

COMMON ROUTE

TRAKS 360805.89N/0804115.52W Y IF TRAKS.TRAKS3

DEMNZ 360529.82N/0802036.06W Y FB TF 098.72 16.94

QUALITY
16
CHECKED

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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COMMON ROUTE

TRAKS	360805.89N/0804115.52W	Y		IF					TRAKS.TRAKS3
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				

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				



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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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,RWY23R				VM	052.00				

