

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.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WIGOL (RNAV)	THREE	JOANZ.WIGOL3	TWO	12/31/2020	21 MAR 2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CCHIP	CCHIP.WIGOL3	CCHIP	CCHIP						AT FL210
			JUDGG	088.61	19.16	13000	6100		
			JOANZ	088.59	19.46	13000	4600		AT 13000
DORRN	DORRN.WIGOL3	DORRN	DORRN						
			JOANZ	337.85	37.53	13000	3700		AT 13000
WIILT	WIILT.WIGOL3	WIILT	WIILT						
			JOANZ	142.81	42.41	13000	6000		AT 13000

ARRIVAL ROUTE DESCRIPTION:

FROM JOANZ ON TRACK 053.23/17.00 TO BBILL, THEN ON TRACK 053.82/7.25 TO BETEE, THEN ON TRACK 053.65/8.81 TO WIGOL.

LANDING RWY 19L, 19C, 19R, 30, 1L, 1C, 1R: FROM WIGOL ON HEADING 010.00 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: ATC ASSIGNED ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BBILL: HOLD SW, LT, 053.23 INBOUND, 10 NM LEGS.

CHART HOLDING AT JUDGG: HOLD W, LT, 088.61 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: POTOMAC APPROACH CONTROL 132.85/323.125.

AIRPORTS SERVED:

AIRPORT ID  
KIAD

CITY  
WASHINGTON

STATE  
DC

LOST COMMUNICATIONS PREFERENCES:REMARKS:

ABBREV AMDT; DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

QUALITY  
14  
CHECKED

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**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)  
MAG VAR: KIAD 10W/2000  
CHART: KIAD

**FLIGHT INSPECTED BY:**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT:  
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION.

**DEVELOPED BY:**

KISSY MAXFIELD

**ORGANIZATION: DATE:**

Flight Procedures Team – TEDC 07/06/2023

Flight Inspected Signature:

*Digitally signed by*  
**DONALD H LANIER**  
Oct 16, 2023

*Digitally signed by*  
**DONALD H LANIER**  
Oct 16, 2023

**APPROVED BY:**

PAT MULQUEEN

AJV-A440

Developed By Signature:

Approved By Signature:

*Digitally signed by*  
**DONALD H LANIER**  
Oct 16, 2023

**CHANGES:**

1. REPLACED: ZUMBR WITH WIILT AND RENAMED TRANSITION.
2. MOCA VALUES INCREASED.
3. ADDED PBN AND EQUIPMENT NOTES.
4. CHANGED TURBOJET TO JET.
5. REMOVED AIRPORT NAME FROM AIRPORTS SERVED.

**REASONS:**

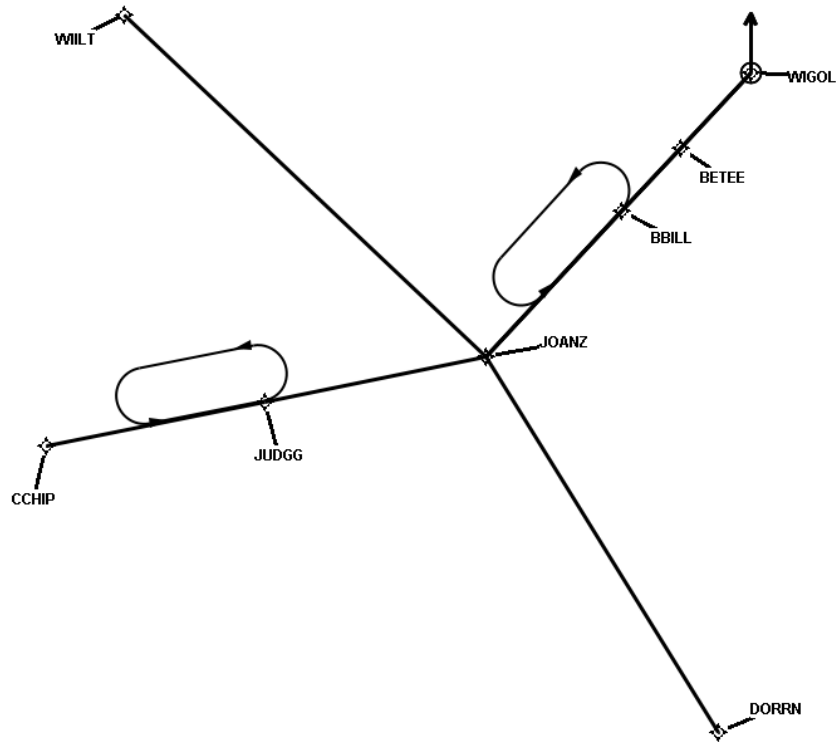
1. SIMILAR SOUNDING NAME LED TO CONFUSION WITH ANOTHER WP IN THE AREA.
2. UPDATED DTED.
- 3, 4, 5. CURRENT DOCUMENTATION STANDARDS.

QUALITY  
14  
CHECKED

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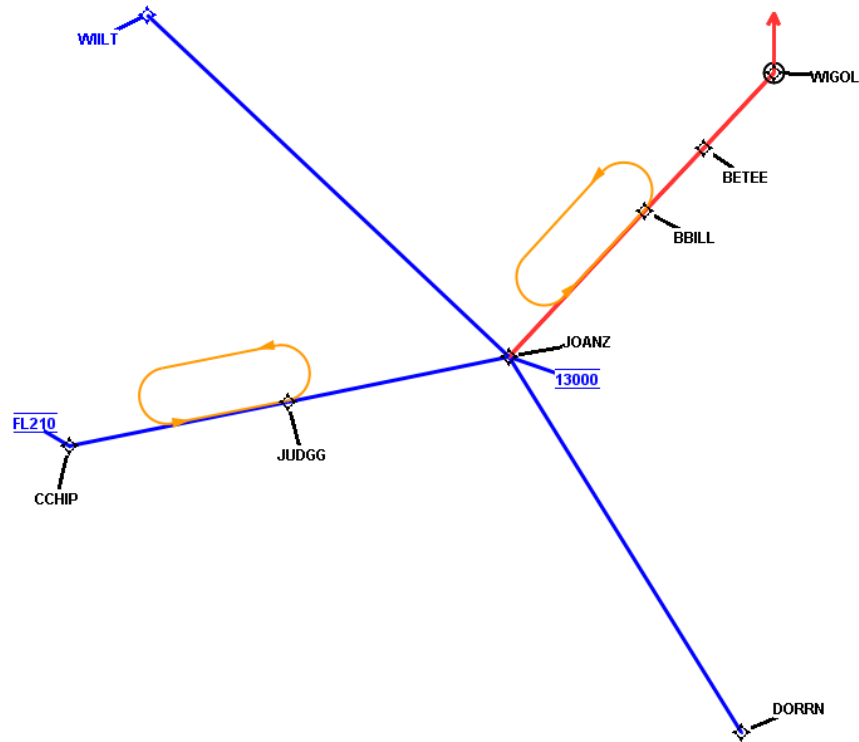
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WIGOL (RNAV)	THREE	JOANZ.WIGOL3	TWO	12/31/2020	21 MAR 2024
Graphic Depiction 1					



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WIGOL (RNAV)	THREE	JOANZ.WIGOL3	TWO	12/31/2020	21 MAR 2024
Graphic Depiction 2					



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name WIGOL (RNAV)		Number THREE		STAR Computer Code JOANZ.WIGOL3			Superseded Number TWO		Dated 12/31/2020	Effective Date 21 MAR 2024
<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>	
En Route Transition										
CCHIP	375606.81N / 0790649.81W	Y		IF			AT FL210		CCHIP.WIGOL3	
JUDGG	375951.67N / 0784303.79W	Y	FB	TF	078.61	19.16				
JOANZ	380340.31N / 0781854.78W	Y	FB	TF	078.59	19.46	AT 13000			
En Route Transition										
DORRN	373154.04N / 0775337.62W	Y		IF					DORRN.WIGOL3	
JOANZ	380340.31N / 0781854.78W	Y	FB	TF	327.85	37.53	AT 13000			
En Route Transition										
WIILT	383238.28N / 0785818.48W	Y		IF					WIILT.WIGOL3	
JOANZ	380340.31N / 0781854.78W	Y	FB	TF	132.81	42.41	AT 13000			
Common Route										
JOANZ	380340.31N / 0781854.78W	Y		IF			AT 13000		JOANZ.WIGOL3	
BBILL	381603.42N / 0780407.76W	Y	FB	TF	043.23	17.00				
BETEE	382117.61N / 0775744.70W	Y	FB	TF	043.82	07.25				
WIGOL	382740.04N / 0775000.43W	Y	FO	TF	043.65	08.81				
KIAD RWY 01L, 01C, 01R, 19L, 19C, 19R, 30				VM	360.00					

