

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
CCHIP	CCHIP.WIGOL1	CCHIP	CCHIP					AT FL210
			JUDGG	088.61/19.16	13000			
			JOANZ	088.59/19.46	13000			AT 13000
DORRN	DORRN.WIGOL1	DORRN	JOANZ	337.85/37.53	13000			AT 13000
ZUMBR	ZUMBR.WIGOL1	ZUMBR	JOANZ	142.81/42.41	13000			AT 13000

(2) Arrival Route Description: FROM JOANZ ON TRACK 053.23/17.00 TO BBILL (MEA 5000), THEN ON TRACK 053.82/7.25 TO BETEE (MEA 4000), THEN ON TRACK 053.65/8.81 TO WIGOL (MEA 4000).

LANDING RUNWAY 19L, 19C, 19R, 30, 1L, 1C, 1R: FROM WIGOL ON HEADING 010.00 EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(3) Procedural Data Notes:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: ATC ASSIGNED ONLY.

(4) Fixes and/or Holding Patterns: CHART HOLDING AT BBILL: SW, LT, 053.23 INBOUND, 10 NM LEGS.

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

(5) Communications: POTOMAC APP CON 132.85 323.125
WASHINGTON DULLES ATIS

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
WIGOL (RNAV)	ONE	WIGOL.WIGOL1	NONE		3 APR 2014

(6) Arrival Name WIGOL (RNAV)	(7) Number ONE	(8) STAR Computer Code WIGOL.WIGOL1	(9) Superseded Nr. NONE	(10) Dated	(11) Effective Date 3 APR 2014
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(16) Continuation:**(17) Changes:****(18) Reasons for Changes:**

(6) Arrival Name WIGOL (RNAV)	(7) Number ONE	(8) STAR Computer Code WIGOL.WIGOL1	(9) Superseded Nr. NONE	(10) Dated	(11) Effective Date 3 APR 2014
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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										
CCHIP	375606.81N / 0790649.81W	Y		IF			AT FL210		CCHIP.WIGOL1	
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.WIGOL1	
JOANZ	380340.31N / 0781854.78W	Y	FB	TF	327.85	37.53	AT 13000			
En Route Transition										
ZUMBR	383238.28N / 0785818.48W	Y		IF					ZUMBR.WIGOL1	
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.WIGOL1	
BBILL	381603.42N / 0780407.76W	Y	FB	TF	043.23	17.00				
(11) Arrival Name WIGOL (RNAV)		(12) Number ONE		(13) STAR Computer Code WIGOL.WIGOL1			(14) Superseded Nr. NONE		(15) Dated	(16) Effective Date 3 APR 2014

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
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 30, 19L, 19R, 19C, 1R, 1L, 1C				VM	360.00				
(11) Arrival Name WIGOL (RNAV)	(12) Number ONE	(13) STAR Computer Code WIGOL.WIGOL1		(14) Superseded Nr. NONE		(15) Dated		(16) Effective Date 3 APR 2014	

**US Department of Transportation
Federal Aviation Administration**

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

[illegible][illegible][illegible][illegible]

QUALITY
CHECKED

(11) Arrival Name WIGOL RNAV	(12) Number ONE	(13) STAR Computer Code WIGOL.WIGOL1	(14) Superseded Nr. NONE	(15) Dated	(16) Effective Date 3 APR 2014
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STAR (Data Record)

SUSAP KIADK6EWIGOL16RW19B	050KIAD K6PA0AE	VM	0100		
SUSAP KIADK6EWIGOL16RW30	010JOANZK6PC0E	IF		13000	18000
SUSAP KIADK6EWIGOL16RW30	020BBILLK6PC0E	H 010TF			
SUSAP KIADK6EWIGOL16RW30	030BETEEK6PC0E	010TF			
SUSAP KIADK6EWIGOL16RW30	040WIGOLK6PC0EY	010TF			
SUSAP KIADK6EWIGOL16RW30	050KIAD K6PA0AE	VM	0100		

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KIADK6GRW01C	0115000107	N38562064W077273520-0200	+0055300286000054150IIOSZ2
SUSAP KIADK6GRW01L	0094000107	N38564188W077282932-0200	+0058300296000054150IIIOIU3
SUSAP KIADK6GRW01R	0115000107	N38552553W077261122-0200	+0063200312000053150IIID3
SUSAP KIADK6GRW19C	0115001907	N38581431W077273355+0200	+0049900269000054150IIDLX3
SUSAP KIADK6GRW19L	0115001907	N38571919W077260953+0200	+0057500293000056150IISGC2
SUSAP KIADK6GRW19R	0094001907	N38581478W077282798+0200	+0052500277000055150IIISU3
SUSAP KIADK6GRW30	0105013007	N38560100W077272123+0200	+0055800288000084150V



(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
WIGOL RNAV	ONE	WIGOL.WIGOL1	NONE		3 APR 2014

**US Department of Transportation
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STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CCHIP	CCHIP	010		IF		FB				AT FL210	
	CCHIP	JUDGG	020		TF		FB	1.0				
	CCHIP	JOANZ	030		TF		FB	1.0			AT 13000	
	DORRN	DORRN	010		IF		FB					
	DORRN	JOANZ	020		TF		FB	1.0			AT 13000	
	ZUMBR	ZUMBR	010		IF		FB					
	ZUMBR	JOANZ	020		TF		FB	1.0			AT 13000	
	RW01B	JOANZ	010		IF		FB				AT 13000	
	RW01B	BBILL	020		TF		FB	1.0				
	RW01B	BETEE	030		TF		FB	1.0				
	RW01B	WIGOL	040		TF		FO	1.0				
	RW01B	KIAD	050		VM		FB		010.0()			
	RW19B	JOANZ	010		IF		FB				AT 13000	
	RW19B	BBILL	020		TF		FB	1.0				
	RW19B	BETEE	030		TF		FB	1.0				
	RW19B	WIGOL	040		TF		FO	1.0				
	RW19B	KIAD	050		VM		FB		010.0()			
	RW30	JOANZ	010		IF		FB				AT 13000	
	RW30	BBILL	020		TF		FB	1.0				
	RW30	BETEE	030		TF		FB	1.0				
	RW30	WIGOL	040		TF		FO	1.0				
	RW30	KIAD	050		VM		FB		010.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DORRN	N373154.04	W0775337.62	N3731.901	W07753.627
	BBILL	N381603.42	W0780407.76	N3816.057	W07804.129
	BETEE	N382117.61	W0775744.70	N3821.294	W07757.745
	CCHIP	N375606.81	W0790649.81	N3756.114	W07906.830
	JOANZ	N380340.31	W0781854.78	N3803.672	W07818.913
	JUDGG	N375951.67	W0784303.79	N3759.861	W07843.063
	WIGOL	N382740.04	W0775000.43	N3827.667	W07750.007
	ZUMBR	N383238.28	W0785818.48	N3832.638	W07858.308
	RW01C	N385620.64	W0772735.20	N3856.344	W07727.587
	RW01L	N385641.88	W0772829.32	N3856.698	W07728.489
	RW01R	N385525.53	W0772611.22	N3855.426	W07726.187
	RW19C	N385814.31	W0772733.55	N3858.239	W07727.559
	RW19L	N385719.19	W0772609.53	N3857.320	W07726.159

(11)
Arrival Name
WIGOL RNAV

(12)
Number
ONE

(13)
STAR Computer Code
WIGOL.WIGOL1

(14)
Superseded Nr.
NONE

(15)
Dated

(16)
Effective Date
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RW19R	N385814.78	W0772827.98	N3858.246	W07728.466
RW30	N385601.00	W0772721.23	N3856.017	W07727.354

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW01C	00286	54
RW01L	00296	54
RW01R	00312	53
RW19C	00269	54
RW19L	00293	56
RW19R	00277	55
RW30	00288	84



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