

**STANDARD ARRIVAL CHART -  
INSTRUMENT (STAR) - ICAO**

**DAMMAM / King Fahd Intl (OEDF)  
RNAV RWY 16L/16R**

NARMI 1L SILBA 2L UMENA 2L PUSRA 2L  
MIBRA 2L RYDAN 2L

**TABULAR DESCRIPTION**

**STAR RNAV RWY 16L/16R**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course M°(T°)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA/TCH (°/ft)	Navigation Specification
<b>NARMI 1L ARRIVAL</b>											
010	IF	NARMI	-	-	-	-	-	+12000	-	-	RNAV 1
020	TF	DF464	-	284(286.6)	-3.0	29.9	-	+8000	-	-	RNAV 1
030	TF	DF462	-	283(286.3)	-3.0	11.4	-	+6000	-	-	RNAV 1
040	TF	RESAN	-	349(352.4)	-3.0	3.6	-	+5000	-210	-	RNAV 1
<b>PUSRA 2L ARRIVAL</b>											
010	IF	PUSRA	-	-	-	-	-	+FL170	-	-	RNAV 1
020	TF	RESAN	-	150(153.2)	-3.0	47.1	-	+5000	-210	-	RNAV 1
<b>SILBA 2L ARRIVAL</b>											
010	IF	SILBA	-	-	-	-	-	+FL170	-	-	RNAV 1
020	TF	RESAN	-	123(126.6)	-3.0	46.0	-	+5000	-210	-	RNAV 1
<b>UMENA 2L ARRIVAL</b>											
010	IF	UMENA	-	-	-	-	-	+FL170	-	-	RNAV 1
020	TF	DF463	-	075(078.5)	-3.0	33.5	-	+10000	-	-	RNAV 1
030	TF	RESAN	-	076(078.8)	-3.0	16.3	-	+5000	-210	-	RNAV 1
<b>MIBRA 2L ARRIVAL</b>											
010	IF	MIBRA	-	-	-	-	-	+FL170	-	-	RNAV 1
020	TF	DF461	-	040(043.2)	-3.0	33.4	-	+13000	-	-	RNAV 1
030	TF	DF460	-	040(043.3)	-3.0	13.0	-	+9000	-	-	RNAV 1
040	TF	RESAN	-	040(043.4)	-3.0	10.3	-	+5000	-210	-	RNAV 1
<b>RYDAN 2L ARRIVAL</b>											
010	IF	RYDAN	-	-	-	-	-	+FL170	-	-	RNAV 1
020	TF	DF462	-	350(352.5)	-3.0	46.4	-	+6000	-	-	RNAV 1
030	TF	RESAN	-	349(352.4)	-3.0	8.6	-	+5000	-210	-	RNAV 1
	HM	RESAN	-	124(126.9)	-3.0	1.0 min	L	+5000 -9000	-230	-	RNAV 1

**WAYPOINT LIST**

STAR RNAV RWY 16L/16R			
Waypoint Identifier	Coordinates		Waypoint Identifier
NARMI	26°18'02"N	050°19'39"E	RYDAN
PUSRA	27°20'31"N	049°10'30"E	DF460
SILBA	27°05'54"N	048°53'02"E	DF461
UMENA	26°28'32"N	048°39'52"E	DF462
MIBRA	25°56'54"N	048°50'54"E	DF463
RESAN	26°38'18"N	049°34'14"E	DF464

STAR RNAV RWY 16L/16R	
<b>NARMI 1L</b>	From NARMI on track 284° to DF464 at or above 8000, on track 283° to DF462 at or above 6000 turn right on track 349° to RESAN at or above 5000.
<b>PUSRA 2L</b>	From PUSRA on track 150° to RESAN at or above 5000.
<b>SILBA 2L</b>	From SILBA on track 123° to RESAN at or above 5000.
<b>UMENA 2L</b>	From UMENA on track 075° to DF463 at or above 10000, on track 076° to RESAN at or above 5000.
<b>MIBRA 2L</b>	From MIBRA on track 040° to DF461 at or above 13000, continue on track 040° to DF460 at or above 9000, continue on track 040° to RESAN at or above 5000.
<b>RYDAN 2L</b>	From RYDAN on track 350° to DF462 at or above 6000 on track 349° to RESAN at or above 5000.

CHANGE: Minor

Amdt: 1, 20 APR 23

ICAO PANS OPS