

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
FORT SMITH	FSM.GQE4	FSM VORTAC HERTZ INT BRADL INT TILUR INT	HERTZ INT BRADL INT TILUR INT GQE VOR/DME	075.98/102.97 096.00/54.40 (GQE R-276) 096.00/19.90 (GQE R-276) 096.00/10.30 (GQE R-276)	18000 10000 10000 10000	3400 2500 1800 1800		
RAZORBACK	RZC.GQE4	RZC VORTAC MARBI INT IGLOO INT COCKO INT WILSU INT	MARBI INT IGLOO INT COCKO INT WILSU INT GQE VOR/DME	097.75/34.20 097.75/84.65 (RZC R-098) 111.00/37.59 (GQE R-291) 111.00/19.95 (GQE R-291) 111.00/10.21 (GQE R-291)	18000 18000 10000 10000 10000	3400 3700 2300 1800 1700		
WALNUT RIDGE	ARG.GQE4	ARG VORTAC EVILL INT RGILL INT	EVILL INT RGILL INT GQE VOR/DME	178.00/28.18 122.00/19.93 (GQE R-302) 122.00/10.03 (GQE R-302)	4000 4000 4000	3100 1800 1700		

(2) Arrival Route Description:

...FROM OVER GQE VOR/DME:

TURBOJETS/TURBOPROPS LANDING NORTH: FROM OVER GQE VOR/DME ON MEM R-308 TO BOWEN INT (MEA 4000). THENCE HEADING 175 FOR RADAR VECTORS TO FINAL APPROACH COURSE. (CONTINUED BLOCK 16)

(3) Procedural Data Notes: CHART: TILUR INT: TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION LANDING NORTH: EXPECT CLEARANCE TO CROSS AT 12000'. LANDING SOUTH: EXPECT CLEARANCE TO CROSS AT 10000'.

CHART: WILSU INT: TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION LANDING NORTH: EXPECT CLEARANCE TO CROSS AT 12000'. LANDING SOUTH: EXPECT CLEARANCE TO CROSS AT 10000'.

CHART: RGILL INT: TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION LANDING NORTH: EXPECT CLEARANCE TO CROSS AT 12000'. LANDING SOUTH: EXPECT CLEARANCE TO CROSS AT 10000'.

CHART NOTE: RADAR REQUIRED.

(4) Fixes and/or Holding Patterns: CHART BRADL INT HOLD NW, RT, 096.00 INBOUND; CHART TILUR INT HOLD W, LT, 096.00 INBOUND; CHART MARBI INT HOLD W, RT, 097.75 INBOUND; CHART IGLOO INT HOLD W, LT, 097.75 INBOUND; CHART COCKO INT HOLD W, RT, 111.00 INBOUND; CHART WILSU INT HOLD W, LT, 111.00 INBOUND; CHART ARG VORTAC HOLD N, RT, 178.00 INBOUND; CHART EVILL INT HOLD NW, RT, 122.00 INBOUND; CHART RGILL INT HOLD NW, LT, 122.00 INBOUND; CHART BEERT INT HOLD NW, RT, 128.38 INBOUND.

(5) Communications: MEMPHIS APP CON; MEMPHIS INTL ATIS.

(6) Arrival Name GILMORE	(7) Number FOUR	(8) STAR Computer Code GQE.GQE4	(9) Superseded Nr. THREE	(10) Dated 11/25/2004	(11) Effective Date 5 APR 2012
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(12) Airports Served					
Airport Name	MEMPHIS INTL		City/State	MEMPHIS, TENNESSEE	
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
(13) Lost Communications Procedure:					
(14) Remarks:					
(15) Additional Flight Data: CHART 128 HDG (ARRIVAL ROUTE) FROM GQE VOR/DME TO BEERT INT (9.4), CHART BEERT INT TO BOWEN INT (14), CHART DME FROM BEERT INT TO MEM VORTAC (22), CHART MEM VORTAC R-308 FROM MEM VORTAC TO BOWEN INT (8), CHART UJM VOR/DME R-040 AT BOWEN INT, CHART UJM VOR/DME R-022 AT BEERT INT, CHART ARG R-183 AT COCKO INT, CHART ARG R-185 AT BRADL INT, CHART LIT R-013 AT IGLOO INT; CHART LIT R-355 AT HERTZ INT, CHART JBR R-184 AT RGILL INT, CHART JBR R-186 AT WILSU INT, CHART JBR R-187 AT TILUR INT, CHART HRO R-219 AT MARBI INT.					
(6) Arrival Name GILMORE	(7) Number FOUR	(8) STAR Computer Code GQE.GQE4	(9) Superseded Nr. THREE	(10) Dated 11/25/2004	(11) Effective Date 5 APR 2012

(16) Continuation: (BLOCK 2) TURBOJETS/TURBOPROPS LANDING SOUTH: FROM OVER GQE VOR/DME ON MEM VORTAC R-308 TO MEM VORTAC (MEA 4000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PASSING GQE VOR/DME.

CHART: NON-TURBINE AIRCRAFT ALL RUNWAYS: FROM OVER GQE VOR/DME ON MEM VORTAC R-308 TO MEM VORTAC (MEA 4000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PASSING GQE VOR/DME.

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STAR (Data Record)

ARINC PACKET - 424-18 - STAR

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	ARG	K4011450VTHA	N36063607W090571330			N36063607W090571330	E0040003022			NARWALNUT RIDGE			
SUSAD	FSM	K4011040VTLA	N35231830W094161749			N35231830W094161749	E0070004301			NARFORT SMITH			
SUSAD	GQE	K4011300VDLW	N35204931W090284137			N35204931W090284137	E0040002111			NARGILMORE			
SUSAD	RZC	K4011640VTHW	N36144714W094071701			N36144714W094071701	E0040013322			NARRAZORBACK			

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	BRADL	K40	R	N35255893W091050484			E0000	NAR		BRADL			
SUSAEAENRT	COCKO	K40	C	L N35333064W091021155			W0001	NAR		COCKO			
SUSAEAENRT	EVILL	K40	C	B N35382389W090582562			W0001	NAR		EVILL			
SUSAEAENRT	HERTZ	K40	R	H N35345001W092105977			E0007	NAR		HERTZ			
SUSAEAENRT	IGLOO	K40	C	H N35490652W091441155			E0004	NAR		IGLOO			
SUSAEAENRT	MARBI	K40	C	L N36074155W093255720			E0016	NAR		MARBI			
SUSAEAENRT	RGILL	K40	C	L N35264317W090383723			W0003	NAR		RGILL			
SUSAEAENRT	TILUR	K40	R	L N35223613W090410542			W0003	NAR		TILUR			
SUSAEAENRT	WILSU	K40	C	L N35250800W090400044			W0003	NAR		WILSU			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KMEMK7AMEM	0	111YHN35023270W089583600E001000341			1800018000C	MNAR		MEMPHIS INTL				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KMEMK7EGQE4	1ARG	010ARG	K4D 0V	H	IF				18000			
SUSAP	KMEMK7EGQE4	1ARG	020EVILLK4EA0E	H	TF		17800282						
SUSAP	KMEMK7EGQE4	1ARG	030RGILLK4EA0E	H	TF		12200199						
SUSAP	KMEMK7EGQE4	1ARG	040GQE	K4D 0VE	TF		12200100						
SUSAP	KMEMK7EGQE4	1FSM	010FSM	K4D 0V	IF				18000				
SUSAP	KMEMK7EGQE4	1FSM	020HERTZK4EA0E	H	TF		07601030						
SUSAP	KMEMK7EGQE4	1FSM	030BRADLK4EA0E	H	TF		09600544						
SUSAP	KMEMK7EGQE4	1FSM	040TILURK4EA0E	H	TF		09600199						
SUSAP	KMEMK7EGQE4	1FSM	050GQE	K4D 0VE	TF		09600103						
SUSAP	KMEMK7EGQE4	1RZC	010RZC	K4D 0V	IF				18000				
SUSAP	KMEMK7EGQE4	1RZC	020MARBIK4EA0E	H	TF		09780342						

QUALITY
CHECKED

(11)
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GILMORE

(12)
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FOUR

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18000

SUSAP	KMEMK7GRW09	0C99460910	N35033104W089590863+0400	+0049800253000052150IIMEM1
SUSAP	KMEMK7GRW18C	0111201780	N35031654W089583421+0600	+0055100271000054150IISDU1
SUSAP	KMEMK7GRW18L	0090001780	N35025574W089582263+0600	+0057200278000060150IIEXS1
SUSAP	KMEMK7GRW18R	0093201780	N35025816W089591479+0300	+0060100288000052150IOOI1
SUSAP	KMEMK7GRW27	0089462710	N35032801W089572108-0400	+0061600292000054150IJJIM1
SUSAP	KMEMK7GRW36C	0111203580	N35012658W089583190-0600	+0076500341000060150IITE3C
SUSAP	KMEMK7GRW36L	0093203580	N35012598W089591281-0300	+0070300321000059150IOHNS3
SUSAP	KMEMK7GRW36R	0090003580	N35012674W089582075-0600	+0074600335000058150IIMYO3

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ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARG	ARG	010		IF		FB					
	ARG	EVILL	020		TF		FB		178.0()	028.2		
	ARG	RGILL	030		TF		FB		122.0()	019.9		
	ARG	GQE	040		TF		FB		122.0()	010.0		
	FSM	FSM	010		IF		FB					
	FSM	HERTZ	020		TF		FB		076.0()	103.0		
	FSM	BRADL	030		TF		FB		096.0()	054.4		
	FSM	TILUR	040		TF		FB		096.0()	019.9		
	FSM	GQE	050		TF		FB		096.0()	010.3		
	RZC	RZC	010		IF		FB					
	RZC	MARBI	020		TF		FB		097.8()	034.2		
	RZC	IGLOO	030		TF		FB		097.8()	084.7		
	RZC	COCKO	040		TF		FB		111.0()	037.6		
	RZC	WILSU	050		TF		FB		111.0()	020.0		
	RZC	GQE	060		TF		FB		111.0()	010.2		
	ALL	GQE	010		IF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARG	N360636.07	W0905713.30	N3606.601	W09057.222
	FSM	N352318.30	W0941617.49	N3523.305	W09416.292
	GQE	N352049.31	W0902841.37	N3520.822	W09028.690
	RZC	N361447.14	W0940717.01	N3614.786	W09407.284
	BRADL	N352558.93	W0910504.84	N3525.982	W09105.081
	COCKO	N353330.64	W0910211.55	N3533.511	W09102.193
	EVILL	N353823.89	W0905825.62	N3538.398	W09058.427
	HERTZ	N353450.01	W0921059.77	N3534.834	W09210.996
	IGLOO	N354906.52	W0914411.55	N3549.109	W09144.193
	MARBI	N360741.55	W0932557.20	N3607.693	W09325.953
	RGILL	N352643.17	W0903837.23	N3526.720	W09038.621
	TILUR	N352236.13	W0904105.42	N3522.602	W09041.090
	WILSU	N352508.00	W0904000.44	N3525.133	W09040.007
	RW09	N350331.04	W0895908.63	N3503.517	W08959.144
	RW18C	N350316.54	W0895834.21	N3503.276	W08958.570
	RW18L	N350255.74	W0895822.63	N3502.929	W08958.377
	RW18R	N350258.16	W0895914.79	N3502.969	W08959.247
	RW27	N350328.01	W0895721.08	N3503.467	W08957.351
	RW36C	N350126.58	W0895831.90	N3501.443	W08958.532

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RW36L	N350125.98	W0895912.81	N3501.433	W08959.214
RW36R	N350126.74	W0895820.75	N3501.446	W08958.346

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09	00253	52
RW18C	00271	54
RW18L	00278	60
RW18R	00288	52
RW27	00292	54
RW36C	00341	60
RW36L	00321	59
RW36R	00335	58

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