

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
LONDON	YXU.GOHMA3	YXU VOR/DME	AXXIS	259.60/38.82 (YXU R-260)	10000	3000	FL240	
			PICES	259.60/9.46 (YXU R-260)	4000	2400	FL240	
			RCADE	259.60/17.93 (YXU R-260)	4000	2400		
			GOHMA	210.00/4.31 (YQG R-030)	4000	1900		
AXXIS	AXXIS.GOHMA3	AXXIS	PICES	259.61/9.46 (YXU R-260)	4000	2400	FL240	
			RCADE	268.03/32.74 (PSI R-088)	4000	2400		
			GOHMA	210.00/4.31 (YQG R-030)	4000	1900		

(2) Arrival Route Description:

FROM GOHMA ON YQG R-030.00/24.00 (MEA 4000/MOCA 2100) TO YQG VOR/DME. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE FROM DETROIT APPROACH CONTROL.

(3) Procedural Data Notes:

NOTE: DME REQUIRED.
NOTE: RADAR REQUIRED.

(4) Fixes and/or Holding Patterns:

CHART HOLDING AT: GOHMA INT, HOLD NE, RT, 210.00 INBOUND.

(5) Communications:

DETROIT APPROACH CONTROL, PONTIAC ATIS, COLEMAN A. YOUNG ATIS, WINDSOR ATIS, WILLOW RUN ATIS, ANN ARBOR ATIS.

(6) Arrival Name GOHMA	(7) Number THREE	(8) STAR Computer Code GOHMA.GOHMA3	(9) Superseded Nr. TWO	(10) Dated 5 APR 2012	(11) Effective Date 13 NOV 2014
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(12) Airports Served					
Airport Name ANN ARBOR MUNI			City/State ANN ARBOR, MI		
Airport Name COLEMAN A. YOUNG MUNI			City/State DETROIT, MI		
Airport Name WILLOW RUN			City/State DETROIT, MI		
Airport Name CANTON-PLYMOUTH-METTETAL			City/State PLYMOUTH, MI		
Airport Name WINDSOR			City/State WINDSOR, ONTARIO CA		
(13) Lost Communications Procedure:					
(14) Remarks:					
(15) Additional Flight Data:					
(6) Arrival Name GOHMA	(7) Number THREE	(8) STAR Computer Code GOHMA.GOHMA3	(9) Superseded Nr. TWO	(10) Dated 5 APR 2012	(11) Effective Date 13 NOV 2014

FAA Form 7100-4 (7/02)

(16) Continuation:

(17) Changes:

1. REMOVED ALL REFERENCE TO PECK (ECK) VORTAC.
2. ADD DME REQUIRED NOTE.
3. CHANGED COURSE OF YXU TO AXXIS TO PICES FROM 259.59 TO 259.60, RCADE TO GOHMA FROM 210.01 TO 210.00, YXU TO AXXIS DISTANCE FROM 38.85 TO 38.82.
4. AXXIS TRANSITION ADDED.
5. UPDATE ARRIVAL ROUTE DESCRIPTION TO ADD YQG VORTAC.
6. LONDON (YXU) CHANGED FROM A VORTAC TO A VOR/DME.
7. ADD MOCA'S.

(18) Reasons for Changes:

1. PECK (ECK) VORTAC DECOMMISSION.
2. PROCEDURE NOW REQUIRES AIRCRAFT TO UTILIZE DME OVER RCADE, PICES AND AXXIS.
3. COURSE CHANGE.
4. TORONTO CENTER AIRSPACE REDESIGN REQUIRES AN AXXIS TRANSITION.
5. ATC REQUEST.
6. NEW NAVAID DESIGNATION.
7. REQUIREMENT.

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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
	AXXIS	AXXIS	010		IF		FB					
	AXXIS	PICES	020		TF		FB					
	AXXIS	RCADE	030		TF		FB					
	AXXIS	GOHMA	040		TF		FB					
	YXU	YXU	010		IF		FB					
	YXU	AXXIS	020		TF		FB					
	YXU	PICES	030		TF		FB					
	YXU	RCADE	040		TF		FB					
	YXU	GOHMA	050		TF		FB					
	ALL	GOHMA	010		IF		FB					
	ALL	YQG	020		TF		FO					
	ALL	YQG	030		FM		FB		210.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YQG	N421459.00	W0824944.20	N4214.983	W08249.737
	YXU	N430216.48	W0810856.15	N4302.275	W08108.936
	AXXIS	N424950.11	W0815900.17	N4249.835	W08159.003
	PICES	N424644.90	W0821108.99	N4246.748	W08211.150
	GOHMA	N423654.20	W0823630.97	N4236.903	W08236.516
	RCADE	N424050.25	W0823407.51	N4240.838	W08234.125
	RW18	N422103.47	W0832723.42	N4221.058	W08327.390
	RW36	N422040.74	W0832722.08	N4220.679	W08327.368

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00696	30
	RW36	00685	25

(11) Arrival Name GOHMA	(12) Number THREE	(13) STAR Computer Code GOHMA.GOHMA3	(14) Superseded Nr. TWO	(15) Dated 5 APR 2012	(16) Effective Date 13 NOV 2014
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STAR (Data Record)

SUSAP KARBK5GRW24 0035052395 N42133297W083442245+0151 +0217600826000040075R
 SUSAP KARBK5GRW30 0027503072 N42131527W083443207+0600 00822000050110D

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
GOHMA	THREE	GOHMA.GOHMA3	TWO	5 APR 2012	13 NOV 2014

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	AXXIS	AXXIS	010		IF		FB					
	AXXIS	PICES	020		TF		FB					
	AXXIS	RCADE	030		TF		FB					
	AXXIS	GOHMA	040		TF		FB					
	YXU	YXU	010		IF		FB					
	YXU	AXXIS	020		TF		FB					
	YXU	PICES	030		TF		FB					
	YXU	RCADE	040		TF		FB					
	YXU	GOHMA	050		TF		FB					
	ALL	GOHMA	010		IF		FB					
	ALL	YQG	020		TF		FO					
	ALL	YQG	030		FM		FB		210.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YQG	N421459.00	W0824944.20	N4214.983	W08249.737
	YXU	N430216.48	W0810856.15	N4302.275	W08108.936
	AXXIS	N424950.11	W0815900.17	N4249.835	W08159.003
	PICES	N424644.90	W0821108.99	N4246.748	W08211.150
	GOHMA	N423654.20	W0823630.97	N4236.903	W08236.516
	RCADE	N424050.25	W0823407.51	N4240.838	W08234.125
	RW06	N421312.88	W0834500.38	N4213.215	W08345.006
	RW12	N421329.74	W0834503.01	N4213.496	W08345.050
	RW24	N421332.97	W0834422.45	N4213.550	W08344.374
	RW30	N421315.27	W0834432.07	N4213.255	W08344.535

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00831	40
	RW12	00839	50
	RW24	00826	40
	RW30	00822	50

(11) Arrival Name GOHMA	(12) Number THREE	(13) STAR Computer Code GOHMA.GOHMA3	(14) Superseded Nr. TWO	(15) Dated 5 APR 2012	(16) Effective Date 13 NOV 2014
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STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SCAND   YXU  CY011720VDHW N43021648W081085615  N43021648W081085615W0080009202  NARLONDON

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SCANEAENRT  PICES CY0  R  L N42464490W082110899      W0083  NAR      PICES
SUSAEAENRT  GOHMA K50  R  N42365420W082363097      W0079  NAR      GOHMA
SUSAEAENRT  RCADE K50  R  N42405025W082340751      W0080  NAR      RCADE

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      1       2       3       4       5       6       7       8       9       0       1       2       3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SUSAP KDETK5ADET  0  050YHN42243358W083003666W005000626  1800018000C  MNAR  COLEMAN A. YOUNG MUNI

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      1       2       3       4       5       6       7       8       9       0       1       2       3
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SUSAP KDETK5EGOHMA31AXXIS  010AXXISCYEA0E  IF  18000
SUSAP KDETK5EGOHMA31AXXIS  020PICESCYLEA0E  TF
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SUSAP KDETK5EGOHMA31AXXIS  040GOHMAK5EA0EE H  TF
SUSAP KDETK5EGOHMA31YXU    010YXU  CYD 0V  IF  18000
SUSAP KDETK5EGOHMA31YXU    020AXXISCYEA0E  TF
SUSAP KDETK5EGOHMA31YXU    030PICESCYLEA0E  TF
SUSAP KDETK5EGOHMA31YXU    040RCADK5EA0E  TF
SUSAP KDETK5EGOHMA31YXU    050GOHMAK5EA0EE H  TF
SUSAP KDETK5EGOHMA32ALL    010GOHMAK5EA0E H  IF  18000
SUSAP KDETK5EGOHMA32ALL    020YQG  CYD 0VY  TF
SUSAP KDETK5EGOHMA32ALL    030YQG  CYD 0VE  FM YQG CY  000000002100  D

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      1       2       3       4       5       6       7       8       9       0       1       2       3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SUSAP KDETK5GRW07  0037140683 N42241353W083004815-0100  +0156100626071550100D
SUSAP KDETK5GRW15  0050901483 N42250467W083005846+0000  +0155500624000056100IIDET1

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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
GOHMA	THREE	GOHMA.GOHMA3	TWO	5 APR 2012	13 NOV 2014

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SUSAP KDETK5GRW25 0037142483 N42242684W083001244+0100 +0155000622000052100V
 SUSAP KDETK5GRW33 0050903283 N42242434W083001793+0000 +0155900625000049100IIVQM1

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
GOHMA	THREE	GOHMA.GOHMA3	TWO	5 APR 2012	13 NOV 2014

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	AXXIS	AXXIS	010		IF		FB					
	AXXIS	PICES	020		TF		FB					
	AXXIS	RCADE	030		TF		FB					
	AXXIS	GOHMA	040		TF		FB					
	YXU	YXU	010		IF		FB					
	YXU	AXXIS	020		TF		FB					
	YXU	PICES	030		TF		FB					
	YXU	RCADE	040		TF		FB					
	YXU	GOHMA	050		TF		FB					
	ALL	GOHMA	010		IF		FB					
	ALL	YQG	020		TF		FO					
	ALL	YQG	030		FM		FB		210.0 ()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YQG	N421459.00	W0824944.20	N4214.983	W08249.737
	YXU	N430216.48	W0810856.15	N4302.275	W08108.936
	AXXIS	N424950.11	W0815900.17	N4249.835	W08159.003
	PICES	N424644.90	W0821108.99	N4246.748	W08211.150
	GOHMA	N423654.20	W0823630.97	N4236.903	W08236.516
	RCADE	N424050.25	W0823407.51	N4240.838	W08234.125
	RW07	N422413.53	W0830048.15	N4224.226	W08300.803
	RW15	N422504.67	W0830058.46	N4225.078	W08300.974
	RW25	N422426.84	W0830012.44	N4224.447	W08300.207
	RW33	N422424.34	W0830017.93	N4224.406	W08300.299

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00626	50
	RW15	00624	56
	RW25	00622	52
	RW33	00625	49

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SUSAP KYIPK5GRW09	0072920946	N42143837W083322833-0200	+0183700715057655160R
SUSAP KYIPK5GRW14	0063121420	N42143546W083322139-0200	+0183400714000055160R
SUSAP KYIPK5GRW23L	0075432327	N42144134W083311048+0200	+0179600701000058160IILSW1
SUSAP KYIPK5GRW23R	0059962327	N42143646W083313203+0100	+0181300707000055160R
SUSAP KYIPK5GRW27	0072922746	N42144003W083305906+0200	+0178900699000050160D
SUSAP KYIPK5GRW32	0063123220	N42135432W083312797+0200	+0180700705052445160V

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	AXXIS	AXXIS	010		IF		FB					
	AXXIS	PICES	020		TF		FB					
	AXXIS	RCADE	030		TF		FB					
	AXXIS	GOHMA	040		TF		FB					
	YXU	YXU	010		IF		FB					
	YXU	AXXIS	020		TF		FB					
	YXU	PICES	030		TF		FB					
	YXU	RCADE	040		TF		FB					
	YXU	GOHMA	050		TF		FB					
	ALL	GOHMA	010		IF		FB					
	ALL	YQG	020		TF		FO					
	ALL	YQG	030		FM		FB		210.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YQG	N421459.00	W0824944.20	N4214.983	W08249.737
	YXU	N430216.48	W0810856.15	N4302.275	W08108.936
	AXXIS	N424950.11	W0815900.17	N4249.835	W08159.003
	PICES	N424644.90	W0821108.99	N4246.748	W08211.150
	GOHMA	N423654.20	W0823630.97	N4236.903	W08236.516
	RCADE	N424050.25	W0823407.51	N4240.838	W08234.125
	RW05L	N421355.87	W0833230.06	N4213.931	W08332.501
	RW05R	N421350.25	W0833223.46	N4213.838	W08332.391
	RW09	N421438.37	W0833228.33	N4214.640	W08332.472
	RW14	N421435.46	W0833221.39	N4214.591	W08332.357
	RW23L	N421441.34	W0833110.48	N4214.689	W08331.175
	RW23R	N421436.46	W0833132.03	N4214.608	W08331.534
	RW27	N421440.03	W0833059.06	N4214.667	W08330.984
	RW32	N421354.32	W0833127.97	N4213.905	W08331.466

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05L	00715	55
	RW05R	00714	57
	RW09	00715	55
	RW14	00714	55
	RW23L	00701	58

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RW23R	00707	55
RW27	00699	50
RW32	00705	45

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
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	AXXIS	PICES	020		TF		FB					
	AXXIS	RCADE	030		TF		FB					
	AXXIS	GOHMA	040		TF		FB					
	YXU	YXU	010		IF		FB					
	YXU	AXXIS	020		TF		FB					
	YXU	PICES	030		TF		FB					
	YXU	RCADE	040		TF		FB					
	YXU	GOHMA	050		TF		FB					
	ALL	GOHMA	010		IF		FB					
	ALL	YQG	020		TF		FO					
	ALL	YQG	030		FM		FB		210.0()			

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	AXXIS	N424950.11	W0815900.17	N4249.835	W08159.003
	PICES	N424644.90	W0821108.99	N4246.748	W08211.150
	RW07	N421628.34	W0825801.94	N4216.472	W08258.032
	RW12	N421621.38	W0825805.72	N4216.356	W08258.095
	RW25	N421700.01	W0825639.82	N4217.000	W08256.664
	RW30	N421603.20	W0825714.64	N4216.053	W08257.244
	GOHMA	N423654.20	W0823630.97	N4236.903	W08236.516
	RCADE	N424050.25	W0823407.51	N4240.838	W08234.125

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00622	50
	RW12	00622	50
	RW25	00608	49
	RW30	00620	50

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