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
BRIGS	BRIGS.JIIMS2	BRIGS	IROKT	281.50 / 28.42	6000			
		IROKT	JIIMS	281.20 / 10.04	4000			
DASHA	DASHA.JIIMS2	DASHA	WNSTN	312.29 / 25.18	8000			
		WNSTN	HEKMN	353.71 / 17.59	6000			
		HEKMN	JIIMS	353.67 / 10.03	4000			
SNOW HILL	SWL.JIIMS2	SWL VORTAC	RADDS	036.42 / 39.66	10000			
		RADDS	WNSTN	036.66 / 30.00	6000			
		WNSTN	HEKMN	353.71 / 17.59	6000			
		HEKMN	JIIMS	353.67 / 10.03	4000			

(2) Arrival Route Description:

LANDING ILG: FROM OVER JIIMS ON TRACK 285.81/15.65 TO TLUKS (MEA 3000) THEN ON HEADING 305.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING MQS: FROM OVER JIIMS ON TRACK 285.81/15.65 TO TLUKS (MEA 3000), THEN ON TRACK 314.73/9.84 TO RANSM (MEA 3000), THEN ON HEADING 350.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING PNE, TTN: FROM OVER JIIMS ON TRACK 336.82/8.71 TO BEELZ (MEA 3000), THEN ON TRACK 004.76/8.61 TO WOJIK (MEA 3000), THEN ON TRACK 084.60/7.41 TO PSOUT (MEA 3000), THEN ON HEADING 030.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(CONTINUED IN BLOCK 16)

(3) Procedural Data Notes:
NOTE: DME/DME/IRU OR GPS REQUIRED. **NOTE:** RNAV 1. **NOTE:** FOR TURBOJETS ONLY. **NOTE:** RADAR REQUIRED. **CHART:** EXPECT TO CROSS RADDS AT 15000. **CHART:** EXPECT TO CROSS BRIGS AT 14000. **CHART:** LANDING PHL AND ILG: EXPECT TO CROSS IROKT AT 9000. **CHART:** LANDING PHL AND ILG: EXPECT TO CROSS HEKMN AT 9000. **CHART:** LANDING PHL AND ILG: EXPECT TO CROSS JIIMS AT 8000. **CHART:** LANDING TTN, PNE, AND MQS (REGARDLESS OF RWY IN USE): EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS. **CHART:** LANDING PHL: CROSS WOJIK AT 190 KIAS. **CHART:** CROSS CHEAZ AT 190 KIAS.

(4) Fixes and/or Holding Patterns: CHART HOLDING AT: JIIMS (HOLD SW, LT, 046.00 INBOUND, 4 NM LEGS, 210 KIAS).

(5) Communications: PHILADELPHIA APPROACH CONTROL: 133.875, 317.55; PHILADELPHIA INTL ATIS ARRIVAL 133.4; NORTHEAST PHILADELPHIA ATIS 121.15; TRENTON MERCER ATIS 126.775. NEW CASTLE ATIS 123.95. CHESTER COUNTY G.O. CARLSON AWOS 126.25.

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

(12) Airports Served			
Airport Name	PHILADELPHIA INTL	**City/State**	PHILADELPHIA, PA
Airport Name	CHESTER COUNTY G. O. CARLSON	**City/State**	COATESVILLE, PA
Airport Name	NORTHEAST PHILADELPHIA	**City/State**	PHILADELPHIA, PA
Airport Name	TRENTON MERCER	**City/State**	TRENTON, NJ
Airport Name	NEW CASTLE	**City/State**	WILMINGTON, DE
Airport Name		**City/State**	

(13) Lost Communications Procedure:

(14) Remarks:

(15) Additional Flight Data:
REFERENCE MAGNETIC VARIATION = KPHL 10W/80.
DME/DME ASSESSMENT: SAT (RNP 2.0).

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

(16) Continuation:

LANDING PHL RWY 9L, 9R: FROM OVER JIIMS ON TRACK 285.81/15.65 TO TLUKS (MEA 3000), THEN ON TRACK 351.29/11.06 TO CROSS CHEAZ AT 190 KIAS (MEA 3000), THEN ON TRACK 264.22/7.66 TO STAYK (MEA 3000), THEN ON TRACK 264.22. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING PHL RWY 17, 35: FROM OVER JIIMS ON TRACK 310.00/3.00 TO SNEDE (MEA 3000), THEN ON TRACK 310.00. EXPECT RADAR VECTORS TO FINAL APPROACH.

LANDING PHL RWY 26, 27L, 27R: FROM OVER JIIMS ON TRACK 336.82/8.71 TO BEELZ (MEA 3000), THEN ON TRACK 004.76/8.61 TO CROSS WOJIK AT 190 KIAS (MEA 3000), THEN ON TRACK 084.60/7.41 TO PSOUT (MEA 3000), THEN ON TRACK 084.60. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(17) Changes:

1. ADDED DASHA ENROUTE TRANSITION.
2. ADDED PHL RWY 17 AND RWY 35 ARRIVAL ROUTES (310 TRACK FROM JIIMS TO SNEDE FOLLOWED BY AN FM LEG OF 310 DEGREES).
3. AMENDED EXPECT TO CROSS WOJIK AT 190 KIAS TO READ LANDING PHL: CROSS WOJIK AT 190 KIAS. ADDED HARD SPEED RESTRICTION TO THE ARRIVAL ROUTE DESCRIPTION.
4. AMENDED EXPECT TO CROSS CHEAZ AT 190 KIAS TO READ CROSS CHEAZ AT 190 KIAS. ADDED HARD SPEED RESTRICTION TO THE ARRIVAL ROUTE DESCRIPTION.
5. AMENDED PHL RWY 9L, 9R, 26, 27L, 27R RUNWAY TRANSITIONS TO TERMINATE IN FM LEGS VICE VM LEGS.
6. ADDED NOTE LANDING PHL AND ILG: EXPECT TO CROSS IROKT AT 9000.
7. ADDED NOTE LANDING PHL AND ILG: EXPECT TO CROSS HEKMN AT 9000.
8. ADDED "(REGARDLESS OF RWY IN USE)" TO NOTE: LANDING TTN, PNE, AND MQS EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS.

(18) Reasons for Changes:

1 – 8. ATC REQUEST.

	Name *(Typed and Signed)*, Title and Organization		DATE
Developed By	JAY MCDONOUGH, FAA A48 AIRSPACE REPRESENTATIVE		06/25/2012
Approved	AJV-352	DARRYEL ADAMS, MANAGER	
	Reg. ATD		

QUALITY CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

US Department of Transportation
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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									
BRIGS	393124.72N / 0740819.67W	Y		IF					BRIGS.JIIMS2 EXPECT TO CROSS BRIGS AT 14000
IROKT	393203.71N / 0744502.87W	Y	FB	TF	271.50	28.42			LANDING PHL/ILG EXPECT TO CROSS IROKT AT 9000
JIIMS	393215.62N / 0745801.72W	Y	FB	TF	271.20	10.04			LANDING PHL/ILG EXPECT TO CROSS JIIMS AT 8000
									LANDING TTN/PNE/MQS EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS
En Route Transition									
DASHA	385219.09N / 0742040.37W	Y		IF					DASHA.JIIMS2
WNSTN	390543.81N / 0744801.20W	Y	FB	TF	302.29	25.18			
HEKMN	392237.47N / 0745422.94W	Y	FB	TF	343.71	17.59			LANDING PHL/ILG EXPECT TO CROSS HEKMN AT 9000
JIIMS	393215.62N / 0745801.72W	Y	FB	TF	343.67	10.03			LANDING PHL/ILG EXPECT TO CROSS JIIMS AT 8000
									LANDING TTN/PNE/MQS EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS
En Route Transition									
SWL VORTAC	380323.74N / 0752750.04W	Y		IF					SWL.JIIMS2
RADDS	383854.80N / 0750518.48W	Y	FB	TF	026.42	39.66			EXPECT TO CROSS RADDS AT 15000
WNSTN	390543.81N / 0744801.20W	Y	FB	TF	026.66	30.00			
HEKMN	392237.47N / 0745422.94W	Y	FB	TF	343.71	17.59			LANDING PHL/ILG EXPECT TO CROSS HEKMN AT 9000

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

QUALITY CHECKED 4

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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
JIIMS	393215.62N / 0745801.72W	Y	FB	TF	343.67	10.03			LANDING PHL/ILG EXPECT TO CROSS JIIMS AT 8000
									LANDING TTN/PNE/MQS EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					EXPECT TO CROSS JIIMS AT 8000
TLUKS	393348.94N / 0751809.69W	Y	FO	TF	275.81	15.65			
ILG				VM	295.00				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS
TLUKS	393348.94N / 0751809.69W	Y	FB	TF	275.81	15.65			
RANSM	393925.02N / 0752837.70W	Y	FO	TF	304.73	9.84			
MQS				VM	340.00				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					EXPECT TO CROSS JIIMS AT 10000 AND 250 KIAS
BEELZ	393933.42N / 0750412.28W	Y	FB	TF	326.82	8.71			

QUALITY CHECKED 4

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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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
WOJIK	394808.34N / 0750513.46W	Y	FB	TF	354.76	8.61			
PSOUT	395006.14N / 0745557.16W	Y	FO	TF	074.60	7.41			
PNE, TTN				VM	020.00				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					EXPECT TO CROSS JIIMS AT 8000
TLUKS	393348.94N / 0751809.69W	Y	FB	TF	275.81	15.65			
CHEAZ	394417.98N / 0752245.71W	Y	FB	TF	341.29	11.06		AT 190K	
STAYK	394212.47N / 0753218.87W	Y	FO	TF	254.22	7.66			
PHL RWY 9L, 9R				FM	254.22				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					EXPECT TO CROSS JIIMS AT 8000
SNEDE	393345.65N / 0750123.29W	Y	FO	TF	300.00	3.00			
PHL RWY 17, 35				FM	300.00				

QUALITY CHECKED

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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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
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					EXPECT TO CROSS JIIMS AT 8000
BEELZ	393933.42N / 0750412.28W	Y	FB	TF	326.82	8.71			
WOJIK	394808.34N / 0750513.46W	Y	FB	TF	354.76	8.61		AT 190K	
PSOUT	395006.14N / 0745557.16W	Y	FO	TF	074.60	7.41			
PHL RWY 26, 27L, 27R				FM	074.60				

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DQO   K6011400VTLW N39404130W075362549    N39404130W075362549W0100000701     NARDUPONT
        SUSAD        SWL   K6011240VTL  N38032374W075275004    N38032374W075275004W0080000341     NARSNOW HILL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEELZ K60    W     N39393342W075041228                    W0122     NAR           BEELZ
        SUSAEAENRT   BRIGS K60    C   B N39312472W074081967                    W0127     NAR           BRIGS
        SUSAEAENRT   CHEAZ K60    W     N39441798W075224571                    W0120     NAR           CHEAZ
        SUSAEAENRT   DASHA K60    W   H N38521909W074204037                    W0124     NAR           DASHA
        SUSAEAENRT   HEKMN K60    W     N39223747W074542294                    W0122     NAR           HEKMN
        SUSAEAENRT   IROKT K60    W     N39320371W074450287                    W0123     NAR           IROKT
        SUSAEAENRT   JIIMS K60    W     N39321562W074580172                    W0122     NAR           JIIMS
        SUSAEAENRT   PSOUT K60    W     N39500614W074555716                    W0123     NAR           PSOUT
        SUSAEAENRT   RADDS K60    C   B N38385480W075051848                    W0119     NAR           RADDS
        SUSAEAENRT   SNEDE K60    W     N39334565W075012329                    W0122     NAR           SNEDE
        SUSAEAENRT   STAYK K60    W     N39421247W075321887                    W0119     NAR           STAYK
        SUSAEAENRT   TLUKS K60    W     N39334894W075180969                    W0120     NAR           TLUKS
        SUSAEAENRT   WNSTN K60    W     N39054381W074480120                    W0122     NAR           WNSTN
        SUSAEAENRT   WOJIK K60    W     N39480834W075051346                    W0122     NAR           WOJIK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHLK6APHL     0     105YHN39522010W075142712W010000036         1800018000C    MNAR    PHILADELPHIA INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHLK6EJIIMS24BRIGS 010BRIGSK6EA0E       IF                                                  18000
        SUSAP KPHLK6EJIIMS24BRIGS 020IROKTK6EA0E    010TF                    28150284
        SUSAP KPHLK6EJIIMS24BRIGS 030JIIMSK6EA0EE H 010TF                    28120100
        SUSAP KPHLK6EJIIMS24DASHA 010DASHAK6EA0E       IF                                                  18000
        SUSAP KPHLK6EJIIMS24DASHA 020WNSTNK6EA0E    010TF                    31230252
        SUSAP KPHLK6EJIIMS24DASHA 030HEKMNK6EA0E    010TF                    35370176
        SUSAP KPHLK6EJIIMS24DASHA 040JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KPHLK6EJIIMS24SWL   010SWL  K6D 0V       IF                                                  18000
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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SUSAP KPHLK6EJIIMS24SWL   020RADDSK6EA0E    010TF                    03640397
SUSAP KPHLK6EJIIMS24SWL   030WNSTNK6EA0E    010TF                    03670300
SUSAP KPHLK6EJIIMS24SWL   040HEKMNK6EA0E    010TF                    35370176
SUSAP KPHLK6EJIIMS24SWL   050JIIMSK6EA0EE H 010TF                    35370100
SUSAP KPHLK6EJIIMS26RW09B 010JIIMSK6EA0E  H    IF                                          18000
SUSAP KPHLK6EJIIMS26RW09B 020TLUKSK6EA0E    010TF                    28580157
SUSAP KPHLK6EJIIMS26RW09B 030CHEAZK6EA0E    010TF                    35130111                    190
SUSAP KPHLK6EJIIMS26RW09B 040STAYKK6EA0EY   010TF                    26420077
SUSAP KPHLK6EJIIMS26RW09B 050STAYKK6EA0EE      FM DQO K6      074400352642    D
SUSAP KPHLK6EJIIMS26RW17  010JIIMSK6EA0E  H    IF                                          18000
SUSAP KPHLK6EJIIMS26RW17  020SNEDEK6EA0EY   010TF                    31000030
SUSAP KPHLK6EJIIMS26RW17  030SNEDEK6EA0EE      FM DQO K6      114202793100    D
SUSAP KPHLK6EJIIMS26RW26  010JIIMSK6EA0E  H    IF                                          18000
SUSAP KPHLK6EJIIMS26RW26  020BEELZK6EA0E    010TF                    33680087
SUSAP KPHLK6EJIIMS26RW26  030WOJIKK6EA0E    010TF                    00480086                    190
SUSAP KPHLK6EJIIMS26RW26  040PSOUTK6EA0EY   010TF                    08460074
SUSAP KPHLK6EJIIMS26RW26  050PSOUTK6EA0EE      FM DQO K6      083003260846    D
SUSAP KPHLK6EJIIMS26RW27B 010JIIMSK6EA0E  H    IF                                          18000
SUSAP KPHLK6EJIIMS26RW27B 020BEELZK6EA0E    010TF                    33680087
SUSAP KPHLK6EJIIMS26RW27B 030WOJIKK6EA0E    010TF                    00480086                    190
SUSAP KPHLK6EJIIMS26RW27B 040PSOUTK6EA0EY   010TF                    08460074
SUSAP KPHLK6EJIIMS26RW27B 050PSOUTK6EA0EE      FM DQO K6      083003260846    D
SUSAP KPHLK6EJIIMS26RW35  010JIIMSK6EA0E  H    IF                                          18000
SUSAP KPHLK6EJIIMS26RW35  020SNEDEK6EA0EY   010TF                    31000030
SUSAP KPHLK6EJIIMS26RW35  030SNEDEK6EA0EE      FM DQO K6      114202793100    D
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHLK6GRW09L   0095000855 N39520726W075152039+0000    -0028900013000058150IIVII1
        SUSAP KPHLK6GRW09R   0105060855 N39513892W075163070-0100    -0026800020000058200IIPHL3
        SUSAP KPHLK6GRW17    0065011691 N39531557W075140993+0100    -0030400008000050150IIMYY1
        SUSAP KPHLK6GRW26    0050002655 N39525438W075124594-0500    -0021900036000050150IILLH1
        SUSAP KPHLK6GRW27L   0105062655 N39520495W075142027+0100    -0030200009000050200IIGLC1
        SUSAP KPHLK6GRW27R   0095002655 N39523079W075132244+0000    -0029700011000052150IIPDP1
        SUSAP KPHLK6GRW35    0065013491 N39521557W075134013-0100    -0028900013000040150R
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRIGS	BRIGS	010		IF		FB					
	BRIGS	IROKT	020		TF		FB	1.0	281.5()	028.4		
	BRIGS	JIIMS	030		TF		FB	1.0	281.2()	010.0		
	DASHA	DASHA	010		IF		FB					
	DASHA	WNSTN	020		TF		FB	1.0	312.3()	025.2		
	DASHA	HEKMN	030		TF		FB	1.0	353.7()	017.6		
	DASHA	JIIMS	040		TF		FB	1.0	353.7()	010.0		
	SWL	SWL	010		IF		FB					
	SWL	RADDS	020		TF		FB	1.0	036.4()	039.7		
	SWL	WNSTN	030		TF		FB	1.0	036.7()	030.0		
	SWL	HEKMN	040		TF		FB	1.0	353.7()	017.6		
	SWL	JIIMS	050		TF		FB	1.0	353.7()	010.0		
	RW09B	JIIMS	010		IF		FB					
	RW09B	TLUKS	020		TF		FB	1.0	285.8()	015.7		
	RW09B	CHEAZ	030		TF		FB	1.0	351.3()	011.1		AT 190
	RW09B	STAYK	040		TF		FO	1.0	264.2()	007.7		
	RW09B	STAYK	050		FM		FB		264.2()			
	RW17	JIIMS	010		IF		FB					
	RW17	SNEDE	020		TF		FO	1.0	310.0()	003.0		
	RW17	SNEDE	030		FM		FB		310.0()			
	RW26	JIIMS	010		IF		FB					
	RW26	BEELZ	020		TF		FB	1.0	336.8()	008.7		
	RW26	WOJIK	030		TF		FB	1.0	004.8()	008.6		AT 190
	RW26	PSOUT	040		TF		FO	1.0	084.6()	007.4		
	RW26	PSOUT	050		FM		FB		084.6()			
	RW27B	JIIMS	010		IF		FB					
	RW27B	BEELZ	020		TF		FB	1.0	336.8()	008.7		
	RW27B	WOJIK	030		TF		FB	1.0	004.8()	008.6		AT 190
	RW27B	PSOUT	040		TF		FO	1.0	084.6()	007.4		
	RW27B	PSOUT	050		FM		FB		084.6()			
	RW35	JIIMS	010		IF		FB					
	RW35	SNEDE	020		TF		FO	1.0	310.0()	003.0		
	RW35	SNEDE	030		FM		FB		310.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DQO	N394041.30	W0753625.49	N3940.688	W07536.425
	SWL	N380323.74	W0752750.04	N3803.396	W07527.834

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

BEELZ	N393933.42	W0750412.28	N3939.557	W07504.205
BRIGS	N393124.72	W0740819.67	N3931.412	W07408.328
CHEAZ	N394417.98	W0752245.71	N3944.300	W07522.762
DASHA	N385219.09	W0742040.37	N3852.318	W07420.673
HEKMN	N392237.47	W0745422.94	N3922.625	W07454.382
IROKT	N393203.71	W0744502.87	N3932.062	W07445.048
JIIMS	N393215.62	W0745801.72	N3932.260	W07458.029
PSOUT	N395006.14	W0745557.16	N3950.102	W07455.953
RADDS	N383854.80	W0750518.48	N3838.913	W07505.308
SNEDE	N393345.65	W0750123.29	N3933.761	W07501.388
STAYK	N394212.47	W0753218.87	N3942.208	W07532.315
TLUKS	N393348.94	W0751809.69	N3933.816	W07518.162
WNSTN	N390543.81	W0744801.20	N3905.730	W07448.020
WOJIK	N394808.34	W0750513.46	N3948.139	W07505.224
RW09L	N395207.26	W0751520.39	N3952.121	W07515.340
RW09R	N395138.92	W0751630.70	N3951.649	W07516.512
RW17	N395315.57	W0751409.93	N3953.260	W07514.166
RW26	N395254.38	W0751245.94	N3952.906	W07512.766
RW27L	N395204.95	W0751420.27	N3952.083	W07514.338
RW27R	N395230.79	W0751322.44	N3952.513	W07513.374
RW35	N395215.57	W0751340.13	N3952.260	W07513.669

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09L	00013	58
RW09R	00020	58
RW17	00008	50
RW26	00036	50
RW27L	00009	50
RW27R	00011	52
RW35	00013	40

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD        SWL   K6011240VTL  N38032374W075275004    N38032374W075275004W0080000341     NARSNOW HILL

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WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAEAENRT   BRIGS K60    C   B N39312472W074081967                      W0127     NAR           BRIGS
        SUSAEAENRT   DASHA K60    W   H N38521909W074204037                      W0124     NAR           DASHA
        SUSAEAENRT   HEKMN K60    W     N39223747W074542294                      W0122     NAR           HEKMN
        SUSAEAENRT   IROKT K60    W     N39320371W074450287                      W0123     NAR           IROKT
        SUSAEAENRT   JIIMS K60    W     N39321562W074580172                      W0122     NAR           JIIMS
        SUSAEAENRT   RADDS K60    C   B N38385480W075051848                      W0119     NAR           RADDS
        SUSAEAENRT   RANSM K60    W     N39392502W075283770                      W0120     NAR           RANSM
        SUSAEAENRT   TLUKS K60    W     N39334894W075180969                      W0120     NAR           TLUKS
        SUSAEAENRT   WNSTN K60    W     N39054381W074480120                      W0122     NAR           WNSTN

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AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KMQSK6AMQS     0     054YHN39584430W075515570W011000660         1800018000C    MNAR    CHESTER COUNTY G O CARLSON

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SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KMQSK6EJIIMS24BRIGS 020IROKTK6EA0E    010TF                    28150284
        SUSAP KMQSK6EJIIMS24BRIGS 030JIIMSK6EA0EE H 010TF                    28120100
        SUSAP KMQSK6EJIIMS24DASHA 010DASHAK6EA0E       IF                                                  18000
        SUSAP KMQSK6EJIIMS24DASHA 020WNSTNK6EA0E    010TF                    31230252
        SUSAP KMQSK6EJIIMS24DASHA 030HEKMNK6EA0E    010TF                    35370176
        SUSAP KMQSK6EJIIMS24DASHA 040JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KMQSK6EJIIMS24SWL   010SWL  K6D 0V       IF                                                  18000
        SUSAP KMQSK6EJIIMS24SWL   020RADDSK6EA0E    010TF                    03640397
        SUSAP KMQSK6EJIIMS24SWL   030WNSTNK6EA0E    010TF                    03670300
        SUSAP KMQSK6EJIIMS24SWL   040HEKMNK6EA0E    010TF                    35370176
        SUSAP KMQSK6EJIIMS24SWL   050JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KMQSK6EJIIMS25ALL   010JIIMSK6EA0E  H    IF                                                  18000
        SUSAP KMQSK6EJIIMS25ALL   020TLUKSK6EA0E    010TF                    28580157
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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        SUSAP KMQSK6EJIIMS25ALL   030RANSMK6EA0EY   010TF                    31470098
        SUSAP KMQSK6EJIIMS25ALL   040KMQS K6PA0AE      VM                    3500
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RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KMQSK6GRW11    0054001126 N39584964W075522965+0400    +0161000638000042100R
        SUSAP KMQSK6GRW29    0054002926 N39583888W075512172-0400    +0167600660000056100IIMQS1
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRIGS	BRIGS	010		IF		FB					
	BRIGS	IROKT	020		TF		FB	1.0	281.5()	028.4		
	BRIGS	JIIMS	030		TF		FB	1.0	281.2()	010.0		
	DASHA	DASHA	010		IF		FB					
	DASHA	WNSTN	020		TF		FB	1.0	312.3()	025.2		
	DASHA	HEKMN	030		TF		FB	1.0	353.7()	017.6		
	DASHA	JIIMS	040		TF		FB	1.0	353.7()	010.0		
	SWL	SWL	010		IF		FB					
	SWL	RADDS	020		TF		FB	1.0	036.4()	039.7		
	SWL	WNSTN	030		TF		FB	1.0	036.7()	030.0		
	SWL	HEKMN	040		TF		FB	1.0	353.7()	017.6		
	SWL	JIIMS	050		TF		FB	1.0	353.7()	010.0		
	ALL	JIIMS	010		IF		FB					
	ALL	TLUKS	020		TF		FB	1.0	285.8()	015.7		
	ALL	RANSM	030		TF		FO	1.0	314.7()	009.8		
	ALL	KMQS	040		VM		FB		350.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
SWL	N380323.74	W0752750.04	N3803.396	W07527.834
BRIGS	N393124.72	W0740819.67	N3931.412	W07408.328
DASHA	N385219.09	W0742040.37	N3852.318	W07420.673
HEKMN	N392237.47	W0745422.94	N3922.625	W07454.382
IROKT	N393203.71	W0744502.87	N3932.062	W07445.048
JIIMS	N393215.62	W0745801.72	N3932.260	W07458.029
RADDS	N383854.80	W0750518.48	N3838.913	W07505.308
RANSM	N393925.02	W0752837.70	N3939.417	W07528.628
TLUKS	N393348.94	W0751809.69	N3933.816	W07518.162
WNSTN	N390543.81	W0744801.20	N3905.730	W07448.020
RW11	N395849.64	W0755229.65	N3958.827	W07552.494
RW29	N395838.88	W0755121.72	N3958.648	W07551.362

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW11	00638	42
RW29	00660	56

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

FAA Form 7100-3 (9/02)

ARINC PACKET - 424-18 - STAR

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NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD        SWL   K6011240VTL  N38032374W075275004    N38032374W075275004W0080000341     NARSNOW HILL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAEAENRT   BEELZ K60    W     N39393342W075041228                      W0122     NAR           BEELZ
        SUSAEAENRT   BRIGS K60    C   B N39312472W074081967                      W0127     NAR           BRIGS
        SUSAEAENRT   DASHA K60    W   H N38521909W074204037                      W0124     NAR           DASHA
        SUSAEAENRT   HEKMN K60    W     N39223747W074542294                      W0122     NAR           HEKMN
        SUSAEAENRT   IROKT K60    W     N39320371W074450287                      W0123     NAR           IROKT
        SUSAEAENRT   JIIMS K60    W     N39321562W074580172                      W0122     NAR           JIIMS
        SUSAEAENRT   PSOUT K60    W     N39500614W074555716                      W0123     NAR           PSOUT
        SUSAEAENRT   RADDS K60    C   B N38385480W075051848                      W0119     NAR           RADDS
        SUSAEAENRT   WNSTN K60    W     N39054381W074480120                      W0122     NAR           WNSTN
        SUSAEAENRT   WOJIK K60    W     N39480834W075051346                      W0122     NAR           WOJIK

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AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KPNEK6APNE     0     070YHN40045500W075003810W012000120         1800018000C    MNAR    NORTHEAST PHILADELPHIA

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SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KPNEK6EJIIMS24BRIGS 020IROKTK6EA0E    010TF                    28150284
        SUSAP KPNEK6EJIIMS24BRIGS 030JIIMSK6EA0EE H 010TF                    28120100
        SUSAP KPNEK6EJIIMS24DASHA 010DASHAK6EA0E      IF                                                  18000
        SUSAP KPNEK6EJIIMS24DASHA 020WNSTNK6EA0E    010TF                    31230252
        SUSAP KPNEK6EJIIMS24DASHA 030HEKMNK6EA0E    010TF                    35370176
        SUSAP KPNEK6EJIIMS24DASHA 040JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KPNEK6EJIIMS24SWL   010SWL  K6D 0V      IF                                                  18000
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        SUSAP KPNEK6EJIIMS24SWL   030WNSTNK6EA0E    010TF                    03670300
        SUSAP KPNEK6EJIIMS24SWL   040HEKMNK6EA0E    010TF                    35370176
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        SUSAP KPNEK6EJIIMS25ALL   010JIIMSK6EA0E  H    IF                                                  18000
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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        SUSAP KPNEK6EJIIMS25ALL   020BEELZK6EA0E    010TF                    33680087
        SUSAP KPNEK6EJIIMS25ALL   030WOJIKK6EA0E    010TF                    00480086
        SUSAP KPNEK6EJIIMS25ALL   040PSOUTK6EA0EY   010TF                    08460074
        SUSAP KPNEK6EJIIMS25ALL   050KPNE K6PA0AE      VM                    0300
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RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KPNEK6GRW15    0050001527 N40050429W075005680-0200    +0003400120000039150R
        SUSAP KPNEK6GRW24    0070002404 N40052494W075000558+0000    +0001600114000053150IIPNE1
        SUSAP KPNEK6GRW33    0050003327 N40042606W075001606+0200    -0000100108000039150R
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRIGS	BRIGS	010		IF		FB					
	BRIGS	IROKT	020		TF		FB	1.0	281.5()	028.4		
	BRIGS	JIIMS	030		TF		FB	1.0	281.2()	010.0		
	DASHA	DASHA	010		IF		FB					
	DASHA	WNSTN	020		TF		FB	1.0	312.3()	025.2		
	DASHA	HEKMN	030		TF		FB	1.0	353.7()	017.6		
	DASHA	JIIMS	040		TF		FB	1.0	353.7()	010.0		
	SWL	SWL	010		IF		FB					
	SWL	RADDS	020		TF		FB	1.0	036.4()	039.7		
	SWL	WNSTN	030		TF		FB	1.0	036.7()	030.0		
	SWL	HEKMN	040		TF		FB	1.0	353.7()	017.6		
	SWL	JIIMS	050		TF		FB	1.0	353.7()	010.0		
	ALL	JIIMS	010		IF		FB					
	ALL	BEELZ	020		TF		FB	1.0	336.8()	008.7		
	ALL	WOJIK	030		TF		FB	1.0	004.8()	008.6		
	ALL	PSOUT	040		TF		FO	1.0	084.6()	007.4		
	ALL	KPNE	050		VM		FB		030.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
SWL	N380323.74	W0752750.04	N3803.396	W07527.834
BEELZ	N393933.42	W0750412.28	N3939.557	W07504.205
BRIGS	N393124.72	W0740819.67	N3931.412	W07408.328
DASHA	N385219.09	W0742040.37	N3852.318	W07420.673
HEKMN	N392237.47	W0745422.94	N3922.625	W07454.382
IROKT	N393203.71	W0744502.87	N3932.062	W07445.048
JIIMS	N393215.62	W0745801.72	N3932.260	W07458.029
PSOUT	N395006.14	W0745557.16	N3950.102	W07455.953
RADDS	N383854.80	W0750518.48	N3838.913	W07505.308
WNSTN	N390543.81	W0744801.20	N3905.730	W07448.020
WOJIK	N394808.34	W0750513.46	N3948.139	W07505.224
RW06	N400439.02	W0750112.93	N4004.650	W07501.216
RW15	N400504.29	W0750056.80	N4005.072	W07500.947
RW24	N400524.94	W0750005.58	N4005.416	W07500.093
RW33	N400426.06	W0750016.06	N4004.434	W07500.268

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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RW06	00111	57
RW15	00120	39
RW24	00114	53
RW33	00108	39

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

ARINC PACKET - 424-18 - STAR

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NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SWL   K6011240VTL  N38032374W075275004    N38032374W075275004W0080000341     NARSNOW HILL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAEAENRT   BEELZ K60    W     N39393342W075041228                      W0122     NAR           BEELZ
        SUSAEAENRT   BRIGS K60    C   B N39312472W074081967                      W0127     NAR           BRIGS
        SUSAEAENRT   DASHA K60    W   H N38521909W074204037                      W0124     NAR           DASHA
        SUSAEAENRT   HEKMN K60    W     N39223747W074542294                      W0122     NAR           HEKMN
        SUSAEAENRT   IROKT K60    W     N39320371W074450287                      W0123     NAR           IROKT
        SUSAEAENRT   JIIMS K60    W     N39321562W074580172                      W0122     NAR           JIIMS
        SUSAEAENRT   PSOUT K60    W     N39500614W074555716                      W0123     NAR           PSOUT
        SUSAEAENRT   RADDS K60    C   B N38385480W075051848                      W0119     NAR           RADDS
        SUSAEAENRT   WNSTN K60    W     N39054381W074480120                      W0122     NAR           WNSTN
        SUSAEAENRT   WOJIK K60    W     N39480834W075051346                      W0122     NAR           WOJIK

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AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KTTNK6ATTN     0     060YHN40163609W074484849W012000212         1800018000C    MNAR    TRENTON MERCER

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SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KTTNK6EJIIMS24BRIGS 010BRIGSK6EA0E       IF                                                  18000
        SUSAP KTTNK6EJIIMS24BRIGS 020IROKTK6EA0E    010TF                    28150284
        SUSAP KTTNK6EJIIMS24BRIGS 030JIIMSK6EA0EE H 010TF                    28120100
        SUSAP KTTNK6EJIIMS24DASHA 010DASHAK6EA0E       IF                                                  18000
        SUSAP KTTNK6EJIIMS24DASHA 020WNSTNK6EA0E    010TF                    31230252
        SUSAP KTTNK6EJIIMS24DASHA 030HEKMNK6EA0E    010TF                    35370176
        SUSAP KTTNK6EJIIMS24DASHA 040JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KTTNK6EJIIMS24SWL   010SWL  K6D 0V       IF                                                  18000
        SUSAP KTTNK6EJIIMS24SWL   020RADDSK6EA0E    010TF                    03640397
        SUSAP KTTNK6EJIIMS24SWL   030WNSTNK6EA0E    010TF                    03670300
        SUSAP KTTNK6EJIIMS24SWL   040HEKMNK6EA0E    010TF                    35370176
        SUSAP KTTNK6EJIIMS24SWL   050JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KTTNK6EJIIMS25ALL   010JIIMSK6EA0E  H    IF                                                  18000
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

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SUSAP KTTNK6EJIIMS25ALL   020BEELZK6EA0E    010TF                    33680087
SUSAP KTTNK6EJIIMS25ALL   030WOJIKK6EA0E    010TF                    00480086
SUSAP KTTNK6EJIIMS25ALL   040PSOUTK6EA0EY   010TF                    08460074
SUSAP KTTNK6EJIIMS25ALL   050KTTN K6PA0AE      VM                     0300
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTTNK6GRW06    0060060585 N40161111W074491768+0500    +0015400160000060150IITTN1
        SUSAP KTTNK6GRW16    0048001577 N40170137W074490470-0800    +0031200212000055150R
        SUSAP KTTNK6GRW24    0060062385 N40165198W074482149-0500    +0025100192000045150R
        SUSAP KTTNK6GRW34    0048003377 N40162221W074482977+0800    +0019600174000050150R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRIGS	BRIGS	010		IF		FB					
	BRIGS	IROKT	020		TF		FB	1.0	281.5()	028.4		
	BRIGS	JIIMS	030		TF		FB	1.0	281.2()	010.0		
	DASHA	DASHA	010		IF		FB					
	DASHA	WNSTN	020		TF		FB	1.0	312.3()	025.2		
	DASHA	HEKMN	030		TF		FB	1.0	353.7()	017.6		
	DASHA	JIIMS	040		TF		FB	1.0	353.7()	010.0		
	SWL	SWL	010		IF		FB					
	SWL	RADDS	020		TF		FB	1.0	036.4()	039.7		
	SWL	WNSTN	030		TF		FB	1.0	036.7()	030.0		
	SWL	HEKMN	040		TF		FB	1.0	353.7()	017.6		
	SWL	JIIMS	050		TF		FB	1.0	353.7()	010.0		
	ALL	JIIMS	010		IF		FB					
	ALL	BEELZ	020		TF		FB	1.0	336.8()	008.7		
	ALL	WOJIK	030		TF		FB	1.0	004.8()	008.6		
	ALL	PSOUT	040		TF		FO	1.0	084.6()	007.4		
	ALL	KTTN	050		VM		FB		030.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
SWL	N380323.74	W0752750.04	N3803.396	W07527.834
BEELZ	N393933.42	W0750412.28	N3939.557	W07504.205
BRIGS	N393124.72	W0740819.67	N3931.412	W07408.328
DASHA	N385219.09	W0742040.37	N3852.318	W07420.673
HEKMN	N392237.47	W0745422.94	N3922.625	W07454.382
IROKT	N393203.71	W0744502.87	N3932.062	W07445.048
JIIMS	N393215.62	W0745801.72	N3932.260	W07458.029
PSOUT	N395006.14	W0745557.16	N3950.102	W07455.953
RADDS	N383854.80	W0750518.48	N3838.913	W07505.308
WNSTN	N390543.81	W0744801.20	N3905.730	W07448.020
WOJIK	N394808.34	W0750513.46	N3948.139	W07505.224
RW06	N401611.11	W0744917.68	N4016.185	W07449.295
RW16	N401701.37	W0744904.70	N4017.023	W07449.078
RW24	N401651.98	W0744821.49	N4016.866	W07448.358
RW34	N401622.21	W0744829.77	N4016.370	W07448.496

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

RW06	00160	60
RW16	00212	55
RW24	00192	45
RW34	00174	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SWL   K6011240VTL  N38032374W075275004    N38032374W075275004W0080000341     NARSNOW HILL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRIGS K60    C   B N39312472W074081967                      W0127     NAR           BRIGS
        SUSAEAENRT   DASHA K60    W   H N38521909W074204037                      W0124     NAR           DASHA
        SUSAEAENRT   HEKMN K60    W     N39223747W074542294                      W0122     NAR           HEKMN
        SUSAEAENRT   IROKT K60    W     N39320371W074450287                      W0123     NAR           IROKT
        SUSAEAENRT   JIIMS K60    W     N39321562W074580172                      W0122     NAR           JIIMS
        SUSAEAENRT   RADDS K60    C   B N38385480W075051848                      W0119     NAR           RADDS
        SUSAEAENRT   TLUKS K60    W     N39334894W075180969                      W0120     NAR           TLUKS
        SUSAEAENRT   WNSTN K60    W     N39054381W074480120                      W0122     NAR           WNSTN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6AILG     0     072YHN39404340W075362390W010000080         1800018000C    MNAR    NEW CASTLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6EJIIMS24BRIGS 010BRIGSK6EA0E       IF                                                  18000
        SUSAP KILGK6EJIIMS24BRIGS 020IROKTK6EA0E    010TF                    28150284
        SUSAP KILGK6EJIIMS24BRIGS 030JIIMSK6EA0EE H 010TF                    28120100
        SUSAP KILGK6EJIIMS24DASHA 010DASHAK6EA0E       IF                                                  18000
        SUSAP KILGK6EJIIMS24DASHA 020WNSTNK6EA0E    010TF                    31230252
        SUSAP KILGK6EJIIMS24DASHA 030HEKMNK6EA0E    010TF                    35370176
        SUSAP KILGK6EJIIMS24DASHA 040JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KILGK6EJIIMS24SWL   010SWL  K6D 0V       IF                                                  18000
        SUSAP KILGK6EJIIMS24SWL   020RADDSK6EA0E    010TF                    03640397
        SUSAP KILGK6EJIIMS24SWL   030WNSTNK6EA0E    010TF                    03670300
        SUSAP KILGK6EJIIMS24SWL   040HEKMNK6EA0E    010TF                    35370176
        SUSAP KILGK6EJIIMS24SWL   050JIIMSK6EA0EE H 010TF                    35370100
        SUSAP KILGK6EJIIMS25ALL   010JIIMSK6EA0E  H    IF                                                  18000
        SUSAP KILGK6EJIIMS25ALL   020TLUKSK6EA0EY   010TF                    28580157
        SUSAP KILGK6EJIIMS25ALL   030KILG K6PA0AE      VM                    3050
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

FAA Form 7100-3 (9/02)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6GRW01    0070120151 N39400945W075361376-0200    -0010200075000052150IIILG1
        SUSAP KILGK6GRW09    0072750877 N39404103W075371411-0100    -0008700080000055150R
        SUSAP KILGK6GRW14    0046021409 N39404890W075370008+0000    -0010100075000050150D
        SUSAP KILGK6GRW19    0070121951 N39411848W075360583+0200    -0014400061000055150R
        SUSAP KILGK6GRW27    0072752678 N39405630W075354318+0100    -0011200072000068150R
        SUSAP KILGK6GRW32    0046023209 N39401915W075361556+0000    -0010400074000026150V
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRIGS	BRIGS	010		IF		FB					
	BRIGS	IROKT	020		TF		FB	1.0	281.5()	028.4		
	BRIGS	JIIMS	030		TF		FB	1.0	281.2()	010.0		
	DASHA	DASHA	010		IF		FB					
	DASHA	WNSTN	020		TF		FB	1.0	312.3()	025.2		
	DASHA	HEKMN	030		TF		FB	1.0	353.7()	017.6		
	DASHA	JIIMS	040		TF		FB	1.0	353.7()	010.0		
	SWL	SWL	010		IF		FB					
	SWL	RADDS	020		TF		FB	1.0	036.4()	039.7		
	SWL	WNSTN	030		TF		FB	1.0	036.7()	030.0		
	SWL	HEKMN	040		TF		FB	1.0	353.7()	017.6		
	SWL	JIIMS	050		TF		FB	1.0	353.7()	010.0		
	ALL	JIIMS	010		IF		FB					
	ALL	TLUKS	020		TF		FO	1.0	285.8()	015.7		
	ALL	KILG	030		VM		FB		305.0()			

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
SWL	N380323.74	W0752750.04	N3803.396	W07527.834
BRIGS	N393124.72	W0740819.67	N3931.412	W07408.328
DASHA	N385219.09	W0742040.37	N3852.318	W07420.673
HEKMN	N392237.47	W0745422.94	N3922.625	W07454.382
IROKT	N393203.71	W0744502.87	N3932.062	W07445.048
JIIMS	N393215.62	W0745801.72	N3932.260	W07458.029
RADDS	N383854.80	W0750518.48	N3838.913	W07505.308
TLUKS	N393348.94	W0751809.69	N3933.816	W07518.162
WNSTN	N390543.81	W0744801.20	N3905.730	W07448.020
RW01	N394009.45	W0753613.76	N3940.158	W07536.229
RW09	N394041.03	W0753714.11	N3940.684	W07537.235
RW14	N394048.90	W0753700.08	N3940.815	W07537.001
RW19	N394118.48	W0753605.83	N3941.308	W07536.097
RW27	N394056.30	W0753543.18	N3940.938	W07535.720
RW32	N394019.15	W0753615.56	N3940.319	W07536.259

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW01	00075	52

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

RW09	00080	55
RW14	00075	50
RW19	00061	55
RW27	00072	68
RW32	00074	26

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
JIIMS RNAV	TWO	JIIMS.JIIMS2	ONE	31 MAY 2012	

RADIO FIX AND HOLDING DATA RECORD

NAME: DASHA **STATE:** OA **COUNTRY:** US

LATITUDE/LONGITUDE: 385219.09N/0742040.37W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	B24					(US)
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
1. DELETED INT FROM FIX TYPE.
2. DELETED FAC 1 AND FAC 2.
3. ADDED STAR TO REQUIRED CHARTING.
4. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/07/2012 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SNEDE **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 393345.65N/0750123.29W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 01/10/2013

DEVELOPED BY: **DATE:** 08/09/2012 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BEELZ **STATE:** NJ **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 393933.42N/0750412.28W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS(RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BRIGS **STATE:** NJ **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 393124.72N/0740819.67W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SEA ISLE	SIE	VORTAC	H	059.00	050.00	40.09	40.09		6000	45000
2	CEDAR LAKE	VCN	VORTAC	L	101.00	091.00	38.46	38.46		1700	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SIE	VORTAC	R-059	41	2000	14500
VCN	VORTAC	R-101	39	18000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
SEA ISLE (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J121	1, 2				(US)
EN ROUTE	J55	1, 2				(US)
EN ROUTE	V139	1, 2				(US)
EN ROUTE	V268	1, 2				(US)
EN ROUTE	V308	1, 2				(US)
EN ROUTE	V577	1, 2				(US)
STAR	CEDAR LAKE	1, 2		KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	CEDAR LAKE	1, 2		KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	CEDAR LAKE	1, 2		KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	CEDAR LAKE	1, 2		KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	CEDAR LAKE	1, 2		KPNE	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
1. INCREASED FAC 1 MRA FROM 2000 TO 6000 TO MATCH FACILITY RESTRICTIONS.
2. INCREASED SIE ESV MIN ALTITUDE FROM 2000 TO 6000 TO MATCH ESVMS VALUE.
3. REMOVED IAP FROM REQUIRED CHARTING.
4. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/09/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZDC
ATC FACILITY: ACY APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CHEAZ **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 394417.98N/0752245.71W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HEKMN **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 392237.47N/0745422.94W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

INFO ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/09/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IROKT **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 393203.71N/0744502.87W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/09/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JIIMS **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 393215.62N/0745801.72W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	226.00	046.00	L		4	4000	14000	5	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000090)	392754.00N/0750331.00W	588	5D

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)		1	KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)		1	KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)		1	KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)		1	KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)		1	KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/09/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PSOUT **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 395006.14N/0745557.16W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

INFO ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: RADDS **STATE:** DE **COUNTRY:** US

LATITUDE/LONGITUDE: 383854.80N/0750518.48W **TYPE:** WP, DME

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SEA ISLE	SIE	VORTAC	H	215.84	206.84	30.00	30.00		2500	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J121	1				(US)
EN ROUTE	V139	1				(US)
STAR	CEDAR LAKE	1		KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	SEA ISLE	1		KBLM	BELMAR/FARMINGDALE	NJ (US)
STAR	SEA ISLE	1		KNEL	LAKEHURST	NJ (US)
STAR	SEA ISLE	1		KN14	LUMBERTON	NJ (US)
STAR	SEA ISLE	1		KVAY	MOUNT HOLLY	NJ (US)
STAR	SEA ISLE	1		KN87	ROBBINSVILLE	NJ (US)
STAR	SEA ISLE	1		KMJX	TOMS RIVER	NJ (US)
STAR	CEDAR LAKE	1		KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	SEA ISLE	1		KWRI	WRIGHTSTOWN	NJ (US)
STAR	SEA ISLE	1		KWRI	WRIGHTSTOWN	NJ (US)
STAR	CEDAR LAKE	1		KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	CEDAR LAKE	1		KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	CEDAR LAKE	1		KPNE	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 10/22/2009

REASON FOR REVISION:
MADE FIX A WAY POINT.
ADDED DIST FROM FAC 30 NM.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/13/2009 **OFFICE:** AVN-110 **NAME:** CARLOS ESCALANTE

APPROVED BY: **DATE:** 08/27/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RANSM **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 393925.02N/0752837.70W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

INFO ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STAYK **STATE:** DE **COUNTRY:** US

LATITUDE/LONGITUDE: 394212.47N/0753218.87W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: SNOW HILL VORTAC **STATE:** MD **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 380323.74N/0752750.04W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SNOW HILL	SWL	VORTAC	L							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	SWL	VORTAC	219.05	039.05	L	1		2000	5000	4	5
2	E	SWL	VORTAC	090.57	270.57	R	1		2000	6000	4	5
3	NE		WP	052.00	232.00	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000639)	380436.36N/0753216.74W	438	1A
2	200	TOWER (24-000639)	380436.36N/0753216.74W	438	1A
3	200	TOWER (24-000639)	380436.36N/0753216.74W	438	1A

REASON FOR NONSTANDARD HOLDING:
PAT 1 TO AVOID RESTRICTED AREA R-6604

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
EN ROUTE	J121					(US)
EN ROUTE	J174					(US)
EN ROUTE	V139					(US)
EN ROUTE	V29					(US)
IAP	RNAV (GPS) RWY 32		3	KW41	CRISFIELD	MD (US)
IAP	VOR/DME-A		2	KW41	CRISFIELD	MD (US)
IAP	RNAV (GPS) RWY 2			KOXB	OCEAN CITY	MD (US)
IAP	RNAV (GPS) RWY 32			KOXB	OCEAN CITY	MD (US)
IAP	VOR-A			KOXB	OCEAN CITY	MD (US)
IAP	ILS OR LOC RWY 32			KSBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 32			KSBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 21			KMFV	MELFA	VA (US)
IAP	RNAV (GPS) RWY 28			KWAL	WALLOPS ISLAND	VA (US)
IAP	VOR OR TACAN RWY 17		1	KWAL	WALLOPS ISLAND	VA (US)
STAR	SMYRNA			KDOV	DOVER	DE (US)
STAR	CEDAR LAKE			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	ARGAL			KRDU	RALEIGH/DURHAM	NC (US)
STAR	KAROO (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
STAR	MEYER (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
STAR	SEA ISLE			KBLM	BELMAR/FARMINGDALE	NJ (US)
STAR	SEA ISLE			KNEL	LAKEHURST	NJ (US)
STAR	SEA ISLE			KN14	LUMBERTON	NJ (US)
STAR	SEA ISLE			KVAY	MOUNT HOLLY	NJ (US)
STAR	SEA ISLE			KN87	ROBBINSVILLE	NJ (US)
STAR	SEA ISLE			KMJX	TOMS RIVER	NJ (US)
STAR	CEDAR LAKE			KTTN	TRENTON	NJ (US)
STAR	DUPONT			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	SEA ISLE			KWRI	WRIGHTSTOWN	NJ (US)
STAR	KORRY			KLGA	NEW YORK	NY (US)
STAR	CEDAR LAKE			KMQS	COATESVILLE	PA (US)
STAR	DUPONT			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	CEDAR LAKE			KPHL	PHILADELPHIA	PA (US)
STAR	DUPONT			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	CEDAR LAKE			KPNE	PHILADELPHIA	PA (US)
STAR	DUPONT			KPNE	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

QUALITY 4 CHECKED

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
UPDATED LAT/LONG TO MATCH FACILITY
UPDATED PAT 3 INBOUND COURSE FROM 231.73
UPDATED FIX USE

DEVELOPED BY:	**DATE:** 07/28/2011	**OFFICE:** AJV-352	**NAME:** DONALD SMITH (DANA MITCHELL)
APPROVED BY:	**DATE:** 12/15/2011	**OFFICE:** AJV-352	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PXT APCH
OTHER: WAL ATCT

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TLUKS **STATE:** NJ **COUNTRY:** US

LATITUDE/LONGITUDE: 393348.94N/0751809.69W **TYPE:** WP

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WNSTN **STATE:** NJ **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 390543.81N/0744801.20W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/09/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOJIK **STATE:** NJ **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 394808.34N/0750513.46W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JIIMS (RNAV)			KILG	WILMINGTON	DE (US)
STAR	JIIMS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	PAATS (RNAV)			KTTN	TRENTON	NJ (US)
STAR	JIIMS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)			KMQS	COATESVILLE	PA (US)
STAR	JIIMS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPHL	PHILADELPHIA	PA (US)
STAR	JIIMS (RNAV)			KPNE	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)			KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/08/2011 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** 04/03/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PHL APP CON
OTHER:

QUALITY 4 CHECKED