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 nautical miles to nearest hundredth (e.g. 99.00)
3. Altitudes are minimum altitudes unless otherwis 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 |
|---|---|---|---|---|---|---|---|---|
| BLYTHE | BLH.GEELA6 | BLH | | | | | | |
| | | | SCOLE | 91.00/35.00 | 24000 | 5600 | | AT FL250 |
| | | | SPINK | 91.42/07.00 | 13000 | 6400 | | AT/ABOVE FL240 |
| | | | SNRRA | 91.43/25.09 | 13000 | 6200 | | AT/BELOW FL220 |
| | | | LZIRD | 91.79/15.90 | 13000 | 4800 | | |
| | | | HYDRR | 77.40/04.23 | 10000 | 4600 | | AT/ABOVE 15000, AT/BELOV 17000 |
| MOHAK | MOHAK.GEELA6 | MOHAK | | | | | | |
| | | | JUDTH | 68.29/14.55 | 24000 | 4200 | | AT/ABOVE FL240 |
| | | | RKDAM | 36.57/21.55 | 13000 | 3500 | | AT/BELOW FL220 |
| | | | HYDRR | 36.66/19.99 | 10000 | 4600 | | AT/ABOVE 15000, AT/BELOV 17000 |
| SALOM | SALOM.GEELA6 | SALOM | | | | | | |
| | | | MHAVI | 99.19/23.64 | 13000 | 5100 | | AT/BELOW FL220 |
| | | | LZIRD | 99.64/16.04 | 13000 | 4900 | | |
| | | | HYDRR | 77.40/04.23 | 10000 | 4600 | | AT/ABOVE 15000, AT/BELOV 17000 |

**(2) Arrival Route Description:**
FROM HYDRR FIX VIA 076.23/12.48 TRACK TO CROSS GEELA (MEA 10000), CROSS GEELA AT/BELOW 16000 AT 250 KTS. THENCE AS DEPICTED ON RUNWAY TRANSITIONS.
RUNWAY 07R TRANSITION: FROM GEELA VIA 053.92/7.23 TRACK TO PUNNT (MEA 9000), CROSS PUNNT AT 10000 AT 230 KTS, THEN VIA 053.50/10.45 TRACK TO TEICH (MEA 8000), CROSS TEICH AT 8000 AT 210 KTS, THEN VIA 055.24/4.12 TRACK TO TESLE (MEA 7000), CROSS TESLE AT 7000, THEN VIA 077.82/3.57 TRACK TO
Continued on block 16...

**(3) Procedural Data Notes:** NOTE: RADAR Required. NOTE: For Turbojets only. NOTE: DME/DME/IRU or GPS required. NOTE: RNAV1
NOTE: SALOM transition for aircraft FL230 and below. NOTE: For non-GPS equipped aircraft, GBN and BXK DMEs must be operational.

BLH Transition: Cross SCOLE WP at FL250 at 280KTS; Cross SPINK WP at/above FL240; Cross SNRRA WP at/below FL220.
SALOM Transition: Cross SALOM WP at/below FL230 at 280KTS; Cross MHAVI WP at/below FL220.
MOHAK Transition: Cross MOHAK WP at FL250 at 280KTS; Cross JUDTH WP at/above FL240; Cross RKDAM WP at/below FL220.
ALL Transitions: Cross HYDRR WP between 15000 and 17000 at 265KTS; Cross GEELA WP at/below 16000 at 250KTS.

**(4) Fixes and/or Holding Patterns:** CHART: Holding at BLH VORTAC (Hold W, LT, 088.00 inbound, 12NM legs); Holding at HYDRR WP (Hold SW, RT, 36.53 inbound, 7NM legs); Holding at GEELA WP (Hold W, RT, 76.23 inbound, 7NM legs)

**(5) Communications:** PHOENIX APP CON: 124.1, 256.9 PHOENIX TOWER: 118.7, 278.8 (Rwy 8-26); 120.9, 254.3 (Rwy 7R-25L, 7L-25R)
GND CON: SOUTH 132.55, 269.2; NORTH 119.75, 269.2 ATIS: 127.575

| (6) Arrival Name | (7) Number | (8) STAR Computer Code | (9) Superseded Nr. | (10) Dated | (11) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

FAA Form 7100-4 (7/02)

**(12) Airports Served**

| | |
|---|---|
| **Airport Name** PHOENIX SKY HARBOR INTERNATIONAL | **City/State** PHOENIX, ARIZONA |
| **Airport Name** | **City/State** |
| **Airport Name** | **City/State** |
| **Airport Name** | **City/State** |
| **Airport Name** | **City/State** |
| **Airport Name** | **City/State** |

**(13) Lost Communications Procedure:** Landing 25R: At GATWA turn left, intercept and execute Rwy 25R RNAV GPS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
Landing 25L: At GATWA turn left, intercept and execute Rwy 25L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
Landing 26: At GATWA turn left, intercept and execute Rwy 26 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
Landing 7L: At FOWLE intercept and execute Rwy 07L ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
Landing 7R: At BALTE intercept and execute Rwy 07R ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.
Landing 8: At JAMIL intercept and execute Rwy 08 ILS approach. If unable, proceed direct PXR VORTAC and hold, maintain 9000.

**(14) Remarks:**

**(15) Additional Flight Data:** REFERENCE MAGNETIC VARIATION = KPHX 12E/
CHART:
PXR VORTAC

| (6) Arrival Name | (7) Number | (8) STAR Computer Code | (9) Superseded Nr. | (10) Dated | (11) Effective Date |
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| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

**(16) Continuation:**

(2) Arrival Route Description:
FALGO (MEA 6000), CROSS FALGO AT 6000, THEN VIA 077.86/3.59 TRACK TO CAGOR (MEA 5000), CROSS CAGOR AT/ABOVE 5000, THEN VIA 077.90/3.59 TRACK TO BALTE (MEA 4000), CROSS BALTE AT/ABOVE 4000. EXPECT ILS APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

RUNWAY 07L TRANSITION: FROM GEELA VIA 053.92/7.23 TRACK TO PUNNT (MEA 9000), CROSS PUNNT AT 10000 AT 230 KTS, THEN VIA 053.50/10.45 TRACK TO TEICH (MEA 8000), CROSS TEICH AT 8000 AT 210 KTS, THEN VIA 055.24/4.12 TRACK TO TESLE (MEA 7000), CROSS TESLE AT 7000, THEN VIA 077.82/3.57 TRACK TO FALGO (MEA 6000), CROSS FALGO AT 6000, THEN VIA 077.86/3.59 TRACK TO CAGOR (MEA 5000), CROSS CAGOR AT/ABOVE 5000, THEN VIA 075.92/3.81 TRACK TO FOWLE (MEA 4000), CROSS FOWLE AT/ABOVE 4000. EXPECT ILS APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

RUNWAY 8 TRANSITION: FROM GEELA VIA 053.92/7.23 TRACK TO PUNNT (MEA 9000), CROSS PUNNT AT 10000 AT 230 KTS, THEN VIA 053.50/10.45 TRACK TO TEICH (MEA 8000), CROSS TEICH AT 8000 AT 210 KTS, THEN VIA 055.24/4.12 TRACK TO TESLE (MEA 7000), CROSS TESLE AT 7000, THEN VIA 077.82/3.57 TRACK TO FALGO (MEA 6000), CROSS FALGO AT 6000, THEN VIA 077.86/3.59 TRACK TO CAGOR (MEA 5000), CROSS CAGOR AT/ABOVE 5000, THEN VIA 066.05/3.52 TRACK TO JAMIL (MEA 4000), CROSS JAMIL AT/ABOVE 4000. EXPECT ILS APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

RUNWAY 25L-25R-26 TRANSITIONS: FROM GEELA VIA 076.65/6.00 TRACK TO MNSTR (MEA 10000), CROSS MNSTR BETWEEN 15000 AND 16000 AT 250 KTS, THEN VIA 076.16/17.37 TRACK TO HENSN (MEA 10000), CROSS HENSN AT 11000 AT 250 KTS, THEN VIA 073.17/12.92 TRACK TO LOOSY (MEA 8000), CROSS LOOSY AT 9000 AT 210 KTS, THEN VIA 061.89/7.84 TRACK TO NIMBY (MEA 6000), CROSS NIMBY AT 7000 AT 210 KTS, THEN VIA 078.83/16.85 TRACK TO GATWA (MEA 5000), THEN VIA 078.00 TRACK. EXPECT ILS APPROACH RW25L-26 (GPS RW25R) OR RADAR VECTORS TO FINAL APPROACH COURSE.

Continued on (16) Continuation (2 of #)

| | (7) Number | (8) STAR Computer Code | (9) Superseded Nr. | (10) Dated | (11) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

US Department of Transportation
Federal Aviation Administration

RNAV STAR (Data Record)

| (1) FIX/NAVAID | (2) LAT/LONG | (3) C | (4) FO/FB | (5) LEG | (6) TC | (7) DIST | (8) ALTITUDE | (9) SPEED | (10) REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| En Route Transition | | | | | | | | | |
| BLH | 333545.83N / 1144540.58W | Y | | IF | | | | | BLH.GEELA6 |
| SCOLE | 332745.80N/ 1140454.40W | Y | FB | TF | 103.00 | 35.00 | AT FL250 | AT 280K | |
| SPINK | 332607.90N / 1135646.51W | Y | FB | TF | 103.42 | 07.00 | AT/ABOVE FL240 | | |
| SNRRA | 332014.07N / 1132738.72W | Y | FB | TF | 103.43 | 25.09 | AT/BELOW FL220 | | |
| LZIRD | 331624.94N / 1130913.70W | Y | FB | TF | 103.79 | 15.90 | | | |
| HYDRR | 331627.50N / 1130410.82W | Y | FB | TF | 089.40 | 04.23 | AT/ABOVE 15000, AT/BELOW 17000 | AT 265K | |
| | | | | | | | | | |
| En Route Transition | | | | | | | | | |
| MOHAK | 324633.04N / 1135819.55W | Y | | IF | | | AT FL250 | AT 280K | MOHAK.GEELA6 |
| JUDTH | 324859.41N / 1134118.22W | Y | FB | TF | 080.29 | 14.55 | AT/ABOVE FL240 | | |
| RKDAM | 330314.96N / 1132205.03W | Y | FB | TF | 048.57 | 21.55 | AT/BELOW FL220 | | |
| HYDRR | 331627.50N / 1130410.82W | Y | FB | TF | 048.66 | 19.99 | AT/ABOVE 15000, AT/BELOW 17000 | AT 265K | |
| | | | | | | | | | |
| En Route Transition | | | | | | | | | |
| SALOM | 333058.25N / 1135319.93W | Y | | IF | | | AT/BELOW FL230 | AT 280K | SALOM.GEELA6 |

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
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Federal Aviation Administration

RNAV STAR (Data Record)

| (1) FIX/NAVAID | (2) LAT/LONG | (3) C | (4) FO/FB | (5) LEG | (6) TC | (7) DIST | (8) ALTITUDE | (9) SPEED | (10) REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| MHAVI | 332221.96N / 1132700.96W | Y | FB | TF | 111.19 | 23.64 | AT/BELOW FL220 | | |
| LZIRD | 331624.94N / 1130913.70W | Y | FB | TF | 111.64 | 16.04 | | | |
| HYDRR | 331627.50N / 1130410.82W | Y | FB | TF | 089.40 | 04.23 | AT/ABOVE 15000, AT/BELOW 17000 | AT 265K | |
| | | | | | | | | | |
| Common Route | | | | | | | | | |
| HYDRR | 331627.50N / 1130410.82W | Y | | IF | | | AT/ABOVE 15000, AT/BELOW 17000 | AT 265K | |
| GEELA | 331649.79N / 1124917.75W | Y | FB | TF | 088.23 | 12.48 | AT/BELOW 16000 | AT 250K | |
| | | | | | | | | | |
| Runway Transition | | | | | | | | | |
| GEELA | 331649.79N / 1124917.75W | Y | | IF | | | AT/BELOW 16000 | AT 250K | |
| PUNNT | 331946.88N / 1124124.96W | Y | FB | TF | 065.92 | 07.23 | AT 10000 | AT 230K | |
| TEICH | 332406.82N / 1123003.45W | Y | FB | TF | 065.50 | 10.45 | AT 8000 | AT 210K | |
| TESLE | 332542.43N / 1122531.40W | Y | FB | TF | 067.24 | 04.12 | AT 7000 | | |
| FALGO | 332543.03N / 1122115.46W | Y | FB | TF | 089.82 | 03.57 | AT 6000 | | |
| CAGOR | 332543.48N / 1121658.09W | Y | FB | TF | 089.86 | 03.59 | AT/ABOVE 5000 | | |
| FOWLE | 332551.72N / 1121224.96W | Y | FB | TF | 087.92 | 03.81 | AT/ABOVE 4000 | | |

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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 |
|---|---|---|---|---|---|---|---|---|---|
| RW07L | | | | | | | | | |
| Runway Transition | | | | | | | | | |
| GEELA | 331649.79N / 1124917.75W | Y | | IF | | | AT/BELOW 16000 | AT 250K | |
| PUNNT | 331946.88N / 1124124.96W | Y | FB | TF | 065.92 | 07.23 | AT 10000 | AT 230K | |
| TEICH | 332406.82N / 1123003.45W | Y | FB | TF | 065.50 | 10.45 | AT 8000 | AT 210K | |
| TESLE | 332542.43N / 1122531.40W | Y | FB | TF | 067.24 | 04.12 | AT 7000 | | |
| FALGO | 332543.03N / 1122115.46W | Y | FB | TF | 089.82 | 03.57 | AT 6000 | | |
| CAGOR | 332543.48N / 1121658.09W | Y | FB | TF | 089.86 | 03.59 | AT/ABOVE 5000 | | |
| BALTE | 32543.79N / 1121240.72W | Y | FB | TF | 089.90 | 03.59 | AT/ABOVE 4000 | | |
| RW07R | | | | | | | | | |
| Runway Transition | | | | | | | | | |
| GEELA | 331649.79N / 1124917.75W | Y | | IF | | | AT/BELOW 16000 | AT 250K | |
| PUNNT | 331946.88N / 1124124.96W | Y | FB | TF | 065.92 | 07.23 | AT 10000 | AT 230K | |
| TEICH | 332406.82N / 1123003.45W | Y | FB | TF | 065.50 | 10.45 | AT 8000 | AT 210K | |
| TESLE | 332542.43N/ 1122531.40W | Y | FB | TF | 067.24 | 04.12 | AT 7000 | | |
| FALGO | 332543.03N / 1122115.46W | Y | FB | TF | 089.82 | 03.57 | AT 6000 | | |

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
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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 |
|---|---|---|---|---|---|---|---|---|---|
| CAGOR | 332543.48N / 1121658.09W | Y | FB | TF | 089.86 | 03.59 | AT/ABOVE 5000 | | |
| JAMIL | 32627.19N / 1121251.26W | Y | FB | TF | 078.05 | 03.52 | AT/ABOVE 4000 | | |
| RW08 | | | | | | | | | |
| Runway Transition | | | | | | | | | |
| GEELA | 331649.79N / 1124917.75W | Y | | IF | | | AT/BELOW 16000 | AT 250K | |
| MNSTR | 331658.11N / 1124208.18W | Y | FB | TF | 088.65 | 06.00 | AT/ABOVE 15000, AT/BELOW 16000 | AT 250K | |
| HENSN | 331730.00N / 1122125.54W | Y | FB | TF | 088.16 | 17.37 | AT 11000 | AT 250K | |
| LOOSY | 331834.39N / 1120603.87W | Y | FB | TF | 085.17 | 12.92 | AT 9000 | AT 210K | |
| NIMBY | 332044.91N/ 1115704.17W | Y | FB | TF | 073.89 | 07.84 | AT 7000 | AT 210K | |
| GATWA | 332028.56N / 1113657.81W | Y | FO | TF | 090.83 | 16.85 | | | |
| GATWA | 332028.56N / 1113657.81W | Y | | FM | 090.00 | 05.00 | | | |
| RW25L/R | | | | | | | | | |
| Runway Transition | | | | | | | | | |
| GEELA | 331649.79N / 1124917.75W | Y | | IF | | | AT/BELOW 16000 | AT 250K | |
| MNSTR | 331658.11N / 1124208.18W | Y | FB | TF | 088.65 | 06.00 | AT/ABOVE 15000, AT/BELOW 16000 | AT 250K | |
| HENSN | 331730.00N / 1122125.54W | Y | FB | TF | 088.16 | 17.37 | AT 11000 | AT 250K | |

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
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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 |
|---|---|---|---|---|---|---|---|---|---|
| LOOSY | 331834.39N / 1120603.87W | Y | FB | TF | 085.17 | 12.92 | AT 9000 | AT 210K | |
| NIMBY | 332044.91N / 1115704.17W | Y | FB | TF | 073.89 | 07.84 | AT 7000 | AT 210K | |
| GATWA | 332028.56N/ 1113657.81W | Y | FO | TF | 090.83 | 16.85 | | | |
| GATWA | 332028.56N / 1113657.81W | Y | | FM | 090.00 | 05.00 | | | |
| RW26 | | | | | | | | | |

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
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**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        BLH   K2011740VTHA N33354583W114454058    N33354583W114454058E0140004102     NARBLYTHE
        SUSAD        PXR   K2011560VTHW N33255887W111581272    N33255887W111581272E0120011822     NARPHOENIX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BALTE K20    C     N33254379W112124072                    E0109     NAR           BALTE
        SUSAEAENRT   CAGOR K20    C     N33254348W112165809                    E0110     NAR           CAGOR
        SUSAEAENRT   FALGO K20    C     N33254303W112211546                    E0110     NAR           FALGO
        SUSAEAENRT   FOWLE K20    C     N33255172W112122496                    E0109     NAR           FOWLE
        SUSAEAENRT   GATWA K20    C     N33202856W111365781                    E0108     NAR           GATWA
        SUSAEAENRT   GEELA K20    W     N33164979W112491775                    E0111     NAR           GEELA
        SUSAEAENRT   HENSN K20    W     N33173000W112212554                    E0110     NAR           HENSN
        SUSAEAENRT   HYDRR K20    C     N33162750W113041082                    E0112     NAR           HYDRR
        SUSAEAENRT   JAMIL K20    C     N33262719W112125126                    E0109     NAR           JAMIL
        SUSAEAENRT   JUDTH K20    C   B N32485941W113411822                    E0113     NAR           JUDTH
        SUSAEAENRT   LOOSY K20    W     N33183439W112060387                    E0109     NAR           LOOSY
        SUSAEAENRT   LZIRD K20    W     N33162494W113091370                    E0112     NAR           LZIRD
        SUSAEAENRT   MHAVI K20    W     N33222196W113270096                    E0113     NAR           MHAVI
        SUSAEAENRT   MNSTR K20    W     N33165811W112420818                    E0111     NAR           MNSTR
        SUSAEAENRT   MOHAK K20    C   B N32463304W113581955                    E0113     NAR           MOHAK
        SUSAEAENRT   NIMBY K20    W     N33204491W111570417                    E0109     NAR           NIMBY
        SUSAEAENRT   PUNNT K20    W     N33194688W112412496                    E0111     NAR           PUNNT
        SUSAEAENRT   RKDAM K20    W     N33031496W113220503                    E0112     NAR           RKDAM
        SUSAEAENRT   SALOM K20    C   H N33305825W113531993                    E0114     NAR           SALOM
        SUSAEAENRT   SCOLE K20    C   H N33274580W114045440                    E0115     NAR           SCOLE
        SUSAEAENRT   SNRRA K20    W     N33201407W113273872                    E0113     NAR           SNRRA
        SUSAEAENRT   SPINK K20    W     N33260790W113564651                    E0114     NAR           SPINK
        SUSAEAENRT   TEICH K20    W     N33240682W112300345                    E0110     NAR           TEICH
        SUSAEAENRT   TESLE K20    C     N33254243W112253140                    E0110     NAR           TESLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHXK2APHX     0     114YHN33260340W112004170E012001135         1800018000C    MNAR    PHOENIX SKY HARBOR INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
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QUALITY CHECKED 1

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

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**US Department of Transportation**
**Federal Aviation Administration**

**STAR (Data Record)**

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SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHXK2EGEELA64BLH   010BLH  K2D 0V  H    IF                                                  18000
        SUSAP KPHXK2EGEELA64BLH   020SCOLEK2EA0E    010TF                    09100350      FL250          280
        SUSAP KPHXK2EGEELA64BLH   030SPINKK2EA0E    010TF                    09140070    + FL240
        SUSAP KPHXK2EGEELA64BLH   040SNRRAK2EA0E    010TF                    09140251    - FL220
        SUSAP KPHXK2EGEELA64BLH   050LZIRDK2EA0E    010TF                    09180159
        SUSAP KPHXK2EGEELA64BLH   060HYDRRK2EA0EE H 010TF                    07740042    B 1700015000     265
        SUSAP KPHXK2EGEELA64MOHAK 010MOHAKK2EA0E       IF                                  FL250     18000280
        SUSAP KPHXK2EGEELA64MOHAK 020JUDTHK2EA0E    010TF                    06830146    + FL240
        SUSAP KPHXK2EGEELA64MOHAK 030RKDAMK2EA0E    010TF                    03660216    - FL220
        SUSAP KPHXK2EGEELA64MOHAK 040HYDRRK2EA0EE H 010TF                    03670200    B 1700015000     265
        SUSAP KPHXK2EGEELA64SALOM 010SALOMK2EA0E       IF                                - FL230     18000280
        SUSAP KPHXK2EGEELA64SALOM 020MHAVIK2EA0E    010TF                    09920236    - FL220
        SUSAP KPHXK2EGEELA64SALOM 030LZIRDK2EA0E    010TF                    09960160
        SUSAP KPHXK2EGEELA64SALOM 040HYDRRK2EA0EE H 010TF                    07740042    B 1700015000     265
        SUSAP KPHXK2EGEELA65      010HYDRRK2EA0E  H    IF                                B 170001500018000265
        SUSAP KPHXK2EGEELA65      020GEELAK2EA0EE H 010TF                    07620125    - 16000          250
        SUSAP KPHXK2EGEELA66RW07L 010GEELAK2EA0E  H    IF                                - 16000     18000250
        SUSAP KPHXK2EGEELA66RW07L 020PUNNTK2EA0E    010TF                    05390072      10000          230
        SUSAP KPHXK2EGEELA66RW07L 030TEICHK2EA0E    010TF                    05350105      08000          210
        SUSAP KPHXK2EGEELA66RW07L 040TESLEK2EA0E    010TF                    05520041      07000
        SUSAP KPHXK2EGEELA66RW07L 050FALGOK2EA0E    010TF                    07780036      06000
        SUSAP KPHXK2EGEELA66RW07L 060CAGORK2EA0E    010TF                    07790036    + 05000
        SUSAP KPHXK2EGEELA66RW07L 070FOWLEK2EA0EE   010TF                    07590038    + 04000
        SUSAP KPHXK2EGEELA66RW07R 010GEELAK2EA0E  H    IF                                - 16000     18000250
        SUSAP KPHXK2EGEELA66RW07R 020PUNNTK2EA0E    010TF                    05390072      10000          230
        SUSAP KPHXK2EGEELA66RW07R 030TEICHK2EA0E    010TF                    05350105      08000          210
        SUSAP KPHXK2EGEELA66RW07R 040TESLEK2EA0E    010TF                    05520041      07000
        SUSAP KPHXK2EGEELA66RW07R 050FALGOK2EA0E    010TF                    07780036      06000
        SUSAP KPHXK2EGEELA66RW07R 060CAGORK2EA0E    010TF                    07790036    + 05000
        SUSAP KPHXK2EGEELA66RW07R 070BALTEK2EA0EE   010TF                    07790036    + 04000
        SUSAP KPHXK2EGEELA66RW08  010GEELAK2EA0E  H    IF                                - 16000     18000250
        SUSAP KPHXK2EGEELA66RW08  020PUNNTK2EA0E    010TF                    05390072      10000          230
        SUSAP KPHXK2EGEELA66RW08  030TEICHK2EA0E    010TF                    05350105      08000          210
        SUSAP KPHXK2EGEELA66RW08  040TESLEK2EA0E    010TF                    05520041      07000
        SUSAP KPHXK2EGEELA66RW08  050FALGOK2EA0E    010TF                    07780036      06000
        SUSAP KPHXK2EGEELA66RW08  060CAGORK2EA0E    010TF                    07790036    + 05000
        SUSAP KPHXK2EGEELA66RW08  070JAMILK2EA0EE   010TF                    06610035    + 04000
        SUSAP KPHXK2EGEELA66RW25B 010GEELAK2EA0E  H    IF                                - 16000     18000250
        SUSAP KPHXK2EGEELA66RW25B 020MNSTRK2EA0E    010TF                    07670060    B 1600015000     250
        SUSAP KPHXK2EGEELA66RW25B 030HENSNK2EA0E    010TF                    07620174      11000          250
        SUSAP KPHXK2EGEELA66RW25B 040LOOSYK2EA0E    010TF                    07320129      09000          210
```

QUALITY CHECKED 1

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

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**STAR (Data Record)**

```
SUSAP KPHXK2EGEELA66RW25B 050NIMBYK2EA0E    010TF                    06190078      07000          210
SUSAP KPHXK2EGEELA66RW25B 060GATWAK2EA0EY   010TF                    07880169
SUSAP KPHXK2EGEELA66RW25B 070GATWAK2EA0EE      FM PXR K2      095101860780    D
SUSAP KPHXK2EGEELA66RW26  010GEELAK2EA0E  H    IF                                - 16000     18000250
SUSAP KPHXK2EGEELA66RW26  020MNSTRK2EA0E    010TF                    07670060    B 1600015000     250
SUSAP KPHXK2EGEELA66RW26  030HENSNK2EA0E    010TF                    07620174      11000          250
SUSAP KPHXK2EGEELA66RW26  040LOOSYK2EA0E    010TF                    07320129      09000          210
SUSAP KPHXK2EGEELA66RW26  050NIMBYK2EA0E    010TF                    06190078      07000          210
SUSAP KPHXK2EGEELA66RW26  060GATWAK2EA0EY   010TF                    07880169
SUSAP KPHXK2EGEELA66RW26  070GATWAK2EA0EE      FM PXR K2      095101860780    D
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------------
SUSAP KPHXK2GRW07L   0103000780 N33255181W112013756+0200    +0308501110000057150IIPHX1
SUSAP KPHXK2GRW07R   0078000780 N33254389W112013757+0200    +0308801111000057150IIAHA1
SUSAP KPHXK2GRW08    0114890781 N33262709W112013666+0200    +0309301113089854150IISYQ1
SUSAP KPHXK2GRW25L   0078002580 N33254384W112000554-0200    +0313501126000044150IIRJG1
SUSAP KPHXK2GRW25R   0103002581 N33255173W111593605-0200    +0315901134000055150R
SUSAP KPHXK2GRW26    0114892581 N33262696W111593169-0200    +0316101135000054150IICWJ1
```

QUALITY CHECKED 1

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

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**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLH | BLH | 010 | | IF | | FB | | | | | |
| | BLH | SCOLE | 020 | | TF | | FB | 1.0 | 091.0() | 035.0 | AT FL250 | AT 280 |
| | BLH | SPINK | 030 | | TF | | FB | 1.0 | 091.4() | 007.0 | AA FL240 | |
| | BLH | SNRRA | 040 | | TF | | FB | 1.0 | 091.4() | 025.1 | AB FL220 | |
| | BLH | LZIRD | 050 | | TF | | FB | 1.0 | 091.8() | 015.9 | | |
| | BLH | HYDRR | 060 | | TF | | FB | 1.0 | 077.4() | 004.2 | BT 1700015000 | AT 265 |
| | MOHAK | MOHAK | 010 | | IF | | FB | | | | AT FL250 | AT 280 |
| | MOHAK | JUDTH | 020 | | TF | | FB | 1.0 | 068.3() | 014.6 | AA FL240 | |
| | MOHAK | RKDAM | 030 | | TF | | FB | 1.0 | 036.6() | 021.6 | AB FL220 | |
| | MOHAK | HYDRR | 040 | | TF | | FB | 1.0 | 036.7() | 020.0 | BT 1700015000 | AT 265 |
| | SALOM | SALOM | 010 | | IF | | FB | | | | AB FL230 | AT 280 |
| | SALOM | MHAVI | 020 | | TF | | FB | 1.0 | 099.2() | 023.6 | AB FL220 | |
| | SALOM | LZIRD | 030 | | TF | | FB | 1.0 | 099.6() | 016.0 | | |
| | SALOM | HYDRR | 040 | | TF | | FB | 1.0 | 077.4() | 004.2 | BT 1700015000 | AT 265 |
| | | HYDRR | 010 | | IF | | FB | | | | BT 1700015000 | AT 265 |
| | | GEELA | 020 | | TF | | FB | 1.0 | 076.2() | 012.5 | AB 16000 | AT 250 |
| | RW07L | GEELA | 010 | | IF | | FB | | | | AB 16000 | AT 250 |
| | RW07L | PUNNT | 020 | | TF | | FB | 1.0 | 053.9() | 007.2 | AT 10000 | AT 230 |
| | RW07L | TEICH | 030 | | TF | | FB | 1.0 | 053.5() | 010.5 | AT 08000 | AT 210 |
| | RW07L | TESLE | 040 | | TF | | FB | 1.0 | 055.2() | 004.1 | AT 07000 | |
| | RW07L | FALGO | 050 | | TF | | FB | 1.0 | 077.8() | 003.6 | AT 06000 | |
| | RW07L | CAGOR | 060 | | TF | | FB | 1.0 | 077.9() | 003.6 | AA 05000 | |
| | RW07L | FOWLE | 070 | | TF | | FB | 1.0 | 075.9() | 003.8 | AA 04000 | |
| | RW07R | GEELA | 010 | | IF | | FB | | | | AB 16000 | AT 250 |
| | RW07R | PUNNT | 020 | | TF | | FB | 1.0 | 053.9() | 007.2 | AT 10000 | AT 230 |
| | RW07R | TEICH | 030 | | TF | | FB | 1.0 | 053.5() | 010.5 | AT 08000 | AT 210 |
| | RW07R | TESLE | 040 | | TF | | FB | 1.0 | 055.2() | 004.1 | AT 07000 | |
| | RW07R | FALGO | 050 | | TF | | FB | 1.0 | 077.8() | 003.6 | AT 06000 | |
| | RW07R | CAGOR | 060 | | TF | | FB | 1.0 | 077.9() | 003.6 | AA 05000 | |
| | RW07R | BALTE | 070 | | TF | | FB | 1.0 | 077.9() | 003.6 | AA 04000 | |
| | RW08 | GEELA | 010 | | IF | | FB | | | | AB 16000 | AT 250 |
| | RW08 | PUNNT | 020 | | TF | | FB | 1.0 | 053.9() | 007.2 | AT 10000 | AT 230 |
| | RW08 | TEICH | 030 | | TF | | FB | 1.0 | 053.5() | 010.5 | AT 08000 | AT 210 |
| | RW08 | TESLE | 040 | | TF | | FB | 1.0 | 055.2() | 004.1 | AT 07000 | |
| | RW08 | FALGO | 050 | | TF | | FB | 1.0 | 077.8() | 003.6 | AT 06000 | |
| | RW08 | CAGOR | 060 | | TF | | FB | 1.0 | 077.9() | 003.6 | AA 05000 | |
| | RW08 | JAMIL | 070 | | TF | | FB | 1.0 | 066.1() | 003.5 | AA 04000 | |
| | RW25B | GEELA | 010 | | IF | | FB | | | | AB 16000 | AT 250 |

QUALITY CHECK

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

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**US Department of Transportation**
**Federal Aviation Administration**

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| RW25B | MNSTR | 020 | TF | FB | 1.0 | 076.7() | 006.0 | BT 1600015000 | AT 250 |
| RW25B | HENSN | 030 | TF | FB | 1.0 | 076.2() | 017.4 | AT 11000 | AT 250 |
| RW25B | LOOSY | 040 | TF | FB | 1.0 | 073.2() | 012.9 | AT 09000 | AT 210 |
| RW25B | NIMBY | 050 | TF | FB | 1.0 | 061.9() | 007.8 | AT 07000 | AT 210 |
| RW25B | GATWA | 060 | TF | FO | 1.0 | 078.8() | 016.9 | | |
| RW25B | GATWA | 070 | FM | FB | | 078.0() | | | |
| RW26 | GEELA | 010 | IF | FB | | | | AB 16000 | AT 250 |
| RW26 | MNSTR | 020 | TF | FB | 1.0 | 076.7() | 006.0 | BT 1600015000 | AT 250 |
| RW26 | HENSN | 030 | TF | FB | 1.0 | 076.2() | 017.4 | AT 11000 | AT 250 |
| RW26 | LOOSY | 040 | TF | FB | 1.0 | 073.2() | 012.9 | AT 09000 | AT 210 |
| RW26 | NIMBY | 050 | TF | FB | 1.0 | 061.9() | 007.8 | AT 07000 | AT 210 |
| RW26 | GATWA | 060 | TF | FO | 1.0 | 078.8() | 016.9 | | |
| RW26 | GATWA | 070 | FM | FB | | 078.0() | | | |

POINT DATA

| WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|
| BLH | N333545.83 | W1144540.58 | N3335.764 | W11445.676 |
| PXR | N332558.87 | W1115812.72 | N3325.981 | W11158.212 |
| BALTE | N332543.79 | W1121240.72 | N3325.730 | W11212.679 |
| CAGOR | N332543.48 | W1121658.09 | N3325.725 | W11216.968 |
| FALGO | N332543.03 | W1122115.46 | N3325.717 | W11221.258 |
| FOWLE | N332551.72 | W1121224.96 | N3325.862 | W11212.416 |
| GATWA | N332028.56 | W1113657.81 | N3320.476 | W11136.964 |
| GEELA | N331649.79 | W1124917.75 | N3316.830 | W11249.296 |
| HENSN | N331730.00 | W1122125.54 | N3317.500 | W11221.426 |
| HYDRR | N331627.50 | W1130410.82 | N3316.458 | W11304.180 |
| JAMIL | N332627.19 | W1121251.26 | N3326.453 | W11212.854 |
| JUDTH | N324859.41 | W1134118.22 | N3248.990 | W11341.304 |
| LOOSY | N331834.39 | W1120603.87 | N3318.573 | W11206.065 |
| LZIRD | N331624.94 | W1130913.70 | N3316.416 | W11309.228 |
| MHAVI | N332221.96 | W1132700.96 | N3322.366 | W11327.016 |
| MNSTR | N331658.11 | W1124208.18 | N3316.969 | W11242.136 |
| MOHAK | N324633.04 | W1135819.55 | N3246.551 | W11358.326 |
| NIMBY | N332044.91 | W1115704.17 | N3320.749 | W11157.070 |
| PUNNT | N331946.88 | W1124124.96 | N3319.781 | W11241.416 |
| RKDAM | N330314.96 | W1132205.03 | N3303.249 | W11322.084 |
| SALOM | N333058.25 | W1135319.93 | N3330.971 | W11353.332 |
| SCOLE | N332745.80 | W1140454.40 | N3327.763 | W11404.907 |
| SNRRA | N332014.07 | W1132738.72 | N3320.235 | W11327.645 |
| SPINK | N332607.90 | W1135646.51 | N3326.132 | W11356.775 |
| TEICH | N332406.82 | W1123003.45 | N3324.114 | W11230.058 |
| TESLE | N332542.43 | W1122531.40 | N3325.707 | W11225.523 |
| RW07L | N332551.81 | W1120137.56 | N3325.864 | W11201.626 |

QUALITY CHECKED 1

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

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**STAR (Data Record)**

| | | | | |
|---|---|---|---|---|
| RW07R | N332543.89 | W1120137.57 | N3325.732 | W11201.626 |
| RW08 | N332627.09 | W1120136.66 | N3326.452 | W11201.611 |
| RW25L | N332543.84 | W1120005.54 | N3325.731 | W11200.092 |
| RW25R | N332551.73 | W1115936.05 | N3325.862 | W11159.601 |
| RW26 | N332626.96 | W1115931.69 | N3326.449 | W11159.528 |

RUNWAY DATA

| RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|
| RW07L | 01110 | 57 |
| RW07R | 01111 | 57 |
| RW08 | 01113 | 54 |
| RW25L | 01126 | 44 |
| RW25R | 01134 | 55 |
| RW26 | 01135 | 54 |

| (11) Arrival Name | (12) Number | (13) STAR Computer Code | (14) Superseded Nr. | (15) Dated | (16) Effective Date |
|---|---|---|---|---|---|
| GEELA RNAV | SIX | GEELA.GEELA6 | FIVE | 12/15/2011 | 05 APR 2012 |

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