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
AXXEE	AXXEE.SANGR1	AXXEE	PRIZZ	200.66/26.77	10000	2200		
			CAINE	217.59/21.25	10000	2400		
			SASIE	217.43/15.88	5000	2400		
HITUG	HITUG.SANGR1	HITUG	JONEZ	175.00/86.57	10000	3100		
			DRRTH	218.07/25.40	10000	2800		
			PRIZZ	217.64/22.87	10000	2000		
			CAINE	217.59/21.25	10000	2400		
			SASIE	217.43/15.88	5000	2400		
MISTR	MISTR.SANGR1	MISTR	JONEZ	227.28/36.79	10000	3400		
			DRRTH	218.07/25.40	10000	2900		
			PRIZZ	217.64/22.87	10000	2000		
			CAINE	217.59/21.25	10000	2400		
			SASIE	217.43/15.88	5000	2400		

(2) Arrival Route Description:

FROM SASIE ON TRACK 266.22/25.73 TO BLECO (MEA 4000), THEN ON TRACK 242.09/9.05 TO SANGR (MEA 4000). THEN ON TRACK 190.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(3) Procedural Data Notes:

NOTE: RADAR REQUIRED.
NOTE: RNAV 1.
NOTE: DME/DME/IRU OR GPS REQUIRED.
NOTE: AXXEE AND RRONY TRANSITIONS FOR AIRCRAFT FILING FL230 AND BELOW.

(4) Fixes and/or Holding Patterns: CHART HOLDING AT PRIZZ: HOLD NE, LT, 217.64 INBOUND, 10 NM LEGS.

(5) Communications: AFW ATIS, NFW ATIS, FTW ATIS, REGIONAL APPROACH CONTROL.

QUALITY 3 CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-4 (7/02)

(12) Airports Served	
Airport Name FORT WORTH ALLIANCE	City/State FORT WORTH, TX
Airport Name BOURLAND FIELD	City/State FORT WORTH, TX
Airport Name FORT WORTH MEACHAM INTL	City/State FORT WORTH, TX
Airport Name FORT WORTH NAVAL AIR STATION JRB/CARSWELL FIELD	City/State FORT WORTH, TX
Airport Name FORT WORTH SPINKS	City/State FORT WORTH, TX
Airport Name ARLINGTON MUNI	City/State ARLINGTON, TX
Airport Name CLEBURNE RGNL	City/State CLEBURNE, TX
Airport Name DECATUR MUNI	City/State DECATUR, TX
Airport Name DENTON MUNI	City/State DENTON, TX
Airport Name GRAND PRAIRIE MUNI	City/State GRAND PRAIRIE, TX
Airport Name PARKER COUNTY	City/State WEATHERFORD, TX

(13) Lost Communications Procedure:

(14) Remarks:

(15) Additional Flight Data:

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGNETIC VARIATION = KAFW 04E/2015

QUALITY 3 OFFICE

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-4 (7/02)

(16) Continuation:

(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
PONYY	PONYY.SANGR1	PONYY	RIDDE	249.03/25.64	10000	2900		
			MELTE	249.34/54.73	10000	2400		
			CAINE	248.56/45.79	10000	2400		
			SASIE	217.43/15.88	5000	2400		
RRONY	RRONY.SANGR1	RRONY	CAINE	271.04/48.37	10000	2400		
			SASIE	217.43/15.88	5000	2400		

(17) Changes:

ORIGINAL PROCEDURE

(18) Reasons for Changes:

ATC REQUEST.

05/20/2014: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/16/2014.

1. ADDED ENROUTE LOW AND CONTROLLER TO REQUIRED CHARTING OF WAYPOINTS AXXEE, HITUG, AND RRONY. CHANGED CODING TO REFLECT THIS CHARTING.

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-4 (7/02)

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									
AXXEE	341916.58N / 0955255.12W	Y		IF					AXXEE.SANGR1
PRIZZ	335453.40N / 0960620.34W	Y	FB	TF	204.66	26.77			
CAINE	333857.09N / 0962313.99W	Y	FB	TF	221.59	21.25			
SASIE	332700.61N / 0963547.74W	Y	FB	TF	221.43	15.88			
En Route Transition									
HITUG	355739.03N / 0952923.44W	Y		IF					HITUG.SANGR1
JONEZ	343057.12N / 0952733.78W	Y	FB	TF	179.00	86.57			
DRRTH	341202.11N / 0954804.85W	Y	FB	TF	222.07	25.40			
PRIZZ	335453.40N / 0960620.34W	Y	FB	TF	221.64	22.87			
CAINE	333857.09N / 0962313.99W	Y	FB	TF	221.59	21.25			
SASIE	332700.61N / 0963547.74W	Y	FB	TF	221.43	15.88			
En Route Transition									
MISTR	345405.07N / 0945249.66W	Y		IF					MISTR.SANGR1
JONEZ	343057.12N / 0952733.78W	Y	FB	TF	231.28	36.79			
DRRTH	341202.11N / 0954804.85W	Y	FB	TF	222.07	25.40			
PRIZZ	335453.40N / 0960620.34W	Y	FB	TF	221.64	22.87			
CAINE	333857.09N / 0962313.99W	Y	FB	TF	221.59	21.25			

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

QUALITY

FAA Form 7100-3 (9/02)

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
SASIE	332700.61N / 0963547.74W	Y	FB	TF	221.43	15.88			
En Route Transition									
PONYY	341625.72N / 0935822.88W	Y		IF					PONYY.SANGR1
RIDDE	340852.23N / 0942755.74W	Y	FB	TF	253.03	25.64			
MELTE	335252.90N / 0953054.40W	Y	FB	TF	253.34	54.73			
CAINE	333857.09N / 0962313.99W	Y	FB	TF	252.56	45.79			
SASIE	332700.61N / 0963547.74W	Y	FB	TF	221.43	15.88			
En Route Transition									
RRONY	333455.16N / 0952530.56W	Y		IF					RRONY.SANGR1
CAINE	333857.09N / 0962313.99W	Y	FB	TF	275.04	48.37			
SASIE	332700.61N / 0963547.74W	Y	FB	TF	221.43	15.88			
Common Route									
SASIE	332700.61N / 0963547.74W	Y		IF					SASIE.SANGR1
BLECO	332702.70N / 0970632.59W	Y	FB	TF	270.22	25.73			
SANGR	332321.94N / 0971625.19W	Y	FO	TF	246.09	9.05			
KGKY, KCPT, KLUD, KDTO, K50F, KAFW, KFTW, KFWS, KNFW, KGPM, KWEA				FM	194.00				

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

QUALITY CHECKED 3

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 50F K4A50F     0     040YHN32345460W097352680E006000873         1800018000C    MNAR    BOURLAND FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 50F K4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP 50F K4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP 50F K4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP 50F K4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP 50F K4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP 50F K4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP 50F K4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP 50F K4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP 50F K4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP 50F K4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP 50F K4ESANGR14MISTR 010MISTRK4EA0E      IF                                    18000
SUSAP 50F K4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP 50F K4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP 50F K4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP 50F K4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP 50F K4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP 50F K4ESANGR14PONYY 010PONYYK4EA0E      IF                                    18000
SUSAP 50F K4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP 50F K4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP 50F K4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP 50F K4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP 50F K4ESANGR14RRONY 010RRONYK4EA0E      IF                                    18000
SUSAP 50F K4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP 50F K4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP 50F K4ESANGR15ALL   010SASIEK4EA0E      IF                                    18000
SUSAP 50F K4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP 50F K4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP 50F K4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
SUSAP 50F K4GRW17    0040491654 N32351059W097352965-0900    +0237000870039240060R
SUSAP 50F K4GRW35    0040493454 N32343693W097352366+0900    +0227000838021540060R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW17	N323510.59	W0973529.65	N3235.177	W09735.494
RW35	N323436.93	W0973523.66	N3234.616	W09735.394

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17	00870	40
RW35	00838	40

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFWK4AAFW     0     096YHN32591550W097190770E004000722         1800018000C    MNAR    FORT WORTH ALLIANCE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFWK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP KAFWK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KAFWK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KAFWK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KAFWK4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP KAFWK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KAFWK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KAFWK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KAFWK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KAFWK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KAFWK4ESANGR14MISTR 010MISTRK4EA0E      IF                                        18000
SUSAP KAFWK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KAFWK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KAFWK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KAFWK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KAFWK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KAFWK4ESANGR14PONYY 010PONYYK4EA0E      IF                                        18000
SUSAP KAFWK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KAFWK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KAFWK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KAFWK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KAFWK4ESANGR14RRONY 010RRONYK4EA0E      IF                                        18000
SUSAP KAFWK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KAFWK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KAFWK4ESANGR15ALL   010SASIEK4EA0E      IF                                        18000
SUSAP KAFWK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KAFWK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KAFWK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFWK4GRW16L   0096001662 N32595234W097191193-0600    +019030071513905815 0IIUPE3
        SUSAP KAFWK4GRW16R   0082201662 N32594644W097191787-0600    +0189800714050175150V
        SUSAP KAFWK4GRW34L   0082203462 N32583705W097190367+0600    +0176000668060175150V
        SUSAP KAFWK4GRW34R   0096003462 N32583230W097185554+0600    +0174800664000058150IIJVX1
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW16L	N325952.34	W0971911.93	N3259.872	W09719.199
RW16R	N325946.44	W0971917.87	N3259.774	W09719.298
RW34L	N325837.05	W0971903.67	N3258.618	W09719.061
RW34R	N325832.30	W0971855.54	N3258.538	W09718.926

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16L	00715	58
RW16R	00714	75
RW34L	00668	75
RW34R	00664	58

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCPTK4ACPT     0     056YHN32211350W097260150E006000854         1800018000C    MNAR    CLEBURNE RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCPTK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                          18000
        SUSAP KCPTK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KCPTK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KCPTK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KCPTK4ESANGR14HITUG 010HITUGK4EA0E       IF                                          18000
        SUSAP KCPTK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KCPTK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KCPTK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KCPTK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KCPTK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KCPTK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KCPTK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KCPTK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KCPTK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KCPTK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KCPTK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KCPTK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KCPTK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KCPTK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KCPTK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KCPTK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KCPTK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KCPTK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KCPTK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KCPTK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KCPTK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KCPTK4ESANGR15ALL   030SANGRK4EA0EY    010TF
SUSAP KCPTK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCPTK4GRW15    0056971532 N32213816W097261251-0200    +0232600854018539100RICPT0
        SUSAP KCPTK4GRW33    0056973332 N32204718W097254970+0200    +0229900845000040100R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW15	N322138.16	W0972612.51	N3221.636	W09726.209
RW33	N322047.18	W0972549.70	N3220.786	W09725.828

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW15	00854	39
RW33	00845	40

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4ADTO     0     070YHN33120756W097115261E004000642         1800018000C    MNAR    DENTON MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                          18000
        SUSAP KDTOK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KDTOK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KDTOK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KDTOK4ESANGR14HITUG 010HITUGK4EA0E       IF                                          18000
        SUSAP KDTOK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KDTOK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KDTOK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KDTOK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KDTOK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KDTOK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KDTOK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KDTOK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KDTOK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KDTOK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KDTOK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KDTOK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KDTOK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KDTOK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KDTOK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KDTOK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KDTOK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KDTOK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KDTOK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KDTOK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KDTOK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KDTOK4ESANGR15ALL   030SANGRK4EA0EY    010TF
SUSAP KDTOK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4GRW18    0070021771 N33124219W097115184-0200    +0168100639000053150IIDTO1
        SUSAP KDTOK4GRW36    0070023571 N33113392W097115335+0200    +0164200627010050150R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW18	N331242.19	W0971151.84	N3312.703	W09711.864
RW36	N331133.92	W0971153.35	N3311.565	W09711.889

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW18	00639	53
RW36	00627	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTWK4AFTW     0     075YHN32490960W097214210E008000710         1800018000C    MNAR    FORT WORTH MEACHAM INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTWK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP KFTWK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KFTWK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KFTWK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KFTWK4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP KFTWK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KFTWK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KFTWK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KFTWK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KFTWK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KFTWK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KFTWK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KFTWK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KFTWK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KFTWK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KFTWK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KFTWK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KFTWK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KFTWK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KFTWK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KFTWK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KFTWK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KFTWK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KFTWK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KFTWK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KFTWK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KFTWK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KFTWK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTWK4GRW09    0036770919 N32490771W097215470+0200    +0177100672000050100D
        SUSAP KFTWK4GRW16    0075021639 N32494864W097214495-0500    +0188600710000056150IIFTW1
        SUSAP KFTWK4GRW17    0040051639 N32492942W097215947+0000    +0175800668000052075V
        SUSAP KFTWK4GRW27    0036772719 N32490147W097211226-0200    +0179600681000038100V
        SUSAP KFTWK4GRW34    0075023439 N32483516W097213257+0500    +0177500674000060150IIUXT1
        SUSAP KFTWK4GRW35    0040053439 N32485021W097215286+0000    +0175500667000040075V
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW09	N324907.71	W0972154.70	N3249.129	W09721.912
RW16	N324948.64	W0972144.95	N3249.811	W09721.749
RW17	N324929.42	W0972159.47	N3249.490	W09721.991
RW27	N324901.47	W0972112.26	N3249.025	W09721.204
RW34	N324835.16	W0972132.57	N3248.586	W09721.543
RW35	N324850.21	W0972152.86	N3248.837	W09721.881

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09	00672	50
RW16	00710	56
RW17	00668	52
RW27	00681	38
RW34	00674	60
RW35	00667	40

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4AFWS     0     060YHN32335482W097182908E007000700         1800018000C    MNAR    FORT WORTH SPINKS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP KFWSK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KFWSK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KFWSK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KFWSK4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP KFWSK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KFWSK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KFWSK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KFWSK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KFWSK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KFWSK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KFWSK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KFWSK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KFWSK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KFWSK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KFWSK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KFWSK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KFWSK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KFWSK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KFWSK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KFWSK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KFWSK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KFWSK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KFWSK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KFWSK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KFWSK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KFWSK4ESANGR15ALL   030SANGRK4EA0EY    010TF
SUSAP KFWSK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFWSK4GRW17R   0060021731 N32342105W097183476-0200    +0185900700000040100R
        SUSAP KFWSK4GRW35L   0060023531 N32332166W097183489+0200    +0182500689000050100IIJZW1
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW17R	N323421.05	W0971834.76	N3234.351	W09718.579
RW35L	N323321.66	W0971834.89	N3233.361	W09718.582

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17R	00700	40
RW35L	00689	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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         PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGKYK4AGKY     0     060YHN32394990W097053940E006000628         1800018000C    MNAR    ARLINGTON MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGKYK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP KGKYK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KGKYK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KGKYK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KGKYK4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP KGKYK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KGKYK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KGKYK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KGKYK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KGKYK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KGKYK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KGKYK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KGKYK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KGKYK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KGKYK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KGKYK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KGKYK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KGKYK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KGKYK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KGKYK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KGKYK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KGKYK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KGKYK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KGKYK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KGKYK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KGKYK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KGKYK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KGKYK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGKYK4GRW16    0060801620 N32401936W097054679-0500    +0164200628000042100V
        SUSAP KGKYK4GRW34    0060803420 N32392051W097053203+0500    +0154700597000057100IIGKY1
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW16	N324019.36	W0970546.79	N3240.323	W09705.780
RW34	N323920.51	W0970532.03	N3239.342	W09705.534

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16	00628	42
RW34	00597	57

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGPMK4AGPM     0     040YHN32415560W097024890E006000588         1800018000C    MNAR    GRAND PRAIRIE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGPMK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP KGPMK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KGPMK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KGPMK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KGPMK4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP KGPMK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KGPMK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KGPMK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KGPMK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KGPMK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KGPMK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KGPMK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KGPMK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KGPMK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KGPMK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KGPMK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KGPMK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KGPMK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KGPMK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KGPMK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KGPMK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KGPMK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KGPMK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KGPMK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KGPMK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KGPMK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KGPMK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KGPMK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGPMK4GRW17    0040011743 N32421541W097024876-0200    +0150100582000026075V
        SUSAP KGPMK4GRW35    0040013543 N32413582W097024904+0200    +0147400573000037075R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW17	N324215.41	W0970248.76	N3242.257	W09702.813
RW35	N324135.82	W0970249.04	N3241.597	W09702.817

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17	00582	26
RW35	00573	37

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLUDK4ALUD     0     042YHN33151530W097344980E009001047         1800018000C    MNAR    DECATUR MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLUDK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                          18000
        SUSAP KLUDK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KLUDK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KLUDK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KLUDK4ESANGR14HITUG 010HITUGK4EA0E       IF                                          18000
        SUSAP KLUDK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KLUDK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KLUDK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KLUDK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KLUDK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KLUDK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KLUDK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KLUDK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KLUDK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KLUDK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KLUDK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KLUDK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KLUDK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KLUDK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KLUDK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KLUDK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KLUDK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KLUDK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KLUDK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KLUDK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KLUDK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KLUDK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KLUDK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLUDK4GRW17    0042001635 N33153586W097345301-0100    +0290001041000045060R
        SUSAP KLUDK4GRW35    0042003435 N33145467W097344651+0100    +0288701037000045060R
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW17	N331535.86	W0973453.01	N3315.598	W09734.884
RW35	N331454.67	W0973446.51	N3314.911	W09734.775

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17	01041	45
RW35	01037	45

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KNFWK4ANFW     0     120YHN32460907W097262952E007000650         1800018000M    MWGE    FORT WORTH NAS JRB/CARSWELL FI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KNFWK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                                18000
        SUSAP KNFWK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KNFWK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KNFWK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KNFWK4ESANGR14HITUG 010HITUGK4EA0E       IF                                                18000
        SUSAP KNFWK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KNFWK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KNFWK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KNFWK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KNFWK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KNFWK4ESANGR14MISTR 010MISTRK4EA0E      IF                                    18000
SUSAP KNFWK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KNFWK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KNFWK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KNFWK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KNFWK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KNFWK4ESANGR14PONYY 010PONYYK4EA0E      IF                                    18000
SUSAP KNFWK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KNFWK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KNFWK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KNFWK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KNFWK4ESANGR14RRONY 010RRONYK4EA0E      IF                                    18000
SUSAP KNFWK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KNFWK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KNFWK4ESANGR15ALL   010SASIEK4EA0E      IF                                    18000
SUSAP KNFWK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KNFWK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KNFWK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KNFWK4GRW17    0120001735 N32470843W097262888+0200    +016030062100006320 0IINFW1
        SUSAP KNFWK4GRW35    0120003535 N32450971W097263016-0200    +016890065000005920 0IIFWH1
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW17	N324708.43	W0972628.88	N3247.141	W09726.481
RW35	N324509.71	W0972630.16	N3245.162	W09726.503

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17	00621	63
RW35	00650	59

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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        PGO   K4011350VTLW N34404967W094363241    N34404967W094363241E0040027001     NARRICH MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXXEE K40    W   L N34191658W095525512                      E0030     NAR           AXXEE
        SUSAEAENRT   BLECO K40    C   L N33270270W097063259                      E0038     NAR           BLECO
        SUSAEAENRT   CAINE K40    C   L N33385709W096231399                      E0034     NAR           CAINE
        SUSAEAENRT   DRRTH K40    W     N34120211W095480485                      E0030     NAR           DRRTH
        SUSAEAENRT   HITUG K40    W   L N35573903W095292344                      E0027     NAR           HITUG
        SUSAEAENRT   JONEZ K40    C   H N34305712W095273378                      E0027     NAR           JONEZ
        SUSAEAENRT   MELTE K40    W     N33525290W095305440                      E0028     NAR           MELTE
        SUSAEAENRT   MISTR K40    W     N34540507W094524966                      E0023     NAR           MISTR
        SUSAEAENRT   PONYY K40    W     N34162572W093582288                      E0018     NAR           PONYY
        SUSAEAENRT   PRIZZ K40    C   B N33545340W096062034                      E0032     NAR           PRIZZ
        SUSAEAENRT   RIDDE K40    W     N34085223W094275574                      E0021     NAR           RIDDE
        SUSAEAENRT   RRONY K40    W   L N33345516W095253056                      E0027     NAR           RRONY
        SUSAEAENRT   SANGR K40    W     N33232194W097162519                      E0039     NAR           SANGR
        SUSAEAENRT   SASIE K40    C   L N33270061W096354774                      E0035     NAR           SASIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KWEAK4AWEA     0     028YHN32444663W097405683E005000991         1800018000C    MNAR    PARKER COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KWEAK4ESANGR14AXXEE 010AXXEEK4EA0E       IF                                    18000
        SUSAP KWEAK4ESANGR14AXXEE 020PRIZZK4EA0E  H 010TF
        SUSAP KWEAK4ESANGR14AXXEE 030CAINEK4EA0E    010TF
        SUSAP KWEAK4ESANGR14AXXEE 040SASIEK4EA0EE   010TF
        SUSAP KWEAK4ESANGR14HITUG 010HITUGK4EA0E       IF                                    18000
        SUSAP KWEAK4ESANGR14HITUG 020JONEZK4EA0E    010TF
        SUSAP KWEAK4ESANGR14HITUG 030DRRTHK4EA0E    010TF
        SUSAP KWEAK4ESANGR14HITUG 040PRIZZK4EA0E  H 010TF
        SUSAP KWEAK4ESANGR14HITUG 050CAINEK4EA0E    010TF
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

```
SUSAP KWEAK4ESANGR14HITUG 060SASIEK4EA0EE   010TF
SUSAP KWEAK4ESANGR14MISTR 010MISTRK4EA0E      IF                                          18000
SUSAP KWEAK4ESANGR14MISTR 020JONEZK4EA0E    010TF
SUSAP KWEAK4ESANGR14MISTR 030DRRTHK4EA0E    010TF
SUSAP KWEAK4ESANGR14MISTR 040PRIZZK4EA0E  H 010TF
SUSAP KWEAK4ESANGR14MISTR 050CAINEK4EA0E    010TF
SUSAP KWEAK4ESANGR14MISTR 060SASIEK4EA0EE   010TF
SUSAP KWEAK4ESANGR14PONYY 010PONYYK4EA0E      IF                                          18000
SUSAP KWEAK4ESANGR14PONYY 020RIDDEK4EA0E    010TF
SUSAP KWEAK4ESANGR14PONYY 030MELTEK4EA0E    010TF
SUSAP KWEAK4ESANGR14PONYY 040CAINEK4EA0E    010TF
SUSAP KWEAK4ESANGR14PONYY 050SASIEK4EA0EE   010TF
SUSAP KWEAK4ESANGR14RRONY 010RRONYK4EA0E      IF                                          18000
SUSAP KWEAK4ESANGR14RRONY 020CAINEK4EA0E    010TF
SUSAP KWEAK4ESANGR14RRONY 030SASIEK4EA0EE   010TF
SUSAP KWEAK4ESANGR15ALL   010SASIEK4EA0E      IF                                          18000
SUSAP KWEAK4ESANGR15ALL   020BLECOK4EA0E    010TF
SUSAP KWEAK4ESANGR15ALL   030SANGRK4EA0EY   010TF
SUSAP KWEAK4ESANGR15ALL   040SANGRK4EA0EE      FM PGO K4      236615371900    D
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KWEAK4GRW17    0028921754 N32445876W097405673-0200    +0272900988022050040D
        SUSAP KWEAK4GRW35    0028923554 N32443233W097405694+0200    +0271200983000050040D
```

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

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
	AXXEE	AXXEE	010		IF		FB					
	AXXEE	PRIZZ	020		TF		FB	1.0				
	AXXEE	CAINE	030		TF		FB	1.0				
	AXXEE	SASIE	040		TF		FB	1.0				
	HITUG	HITUG	010		IF		FB					
	HITUG	JONEZ	020		TF		FB	1.0				
	HITUG	DRRTH	030		TF		FB	1.0				
	HITUG	PRIZZ	040		TF		FB	1.0				
	HITUG	CAINE	050		TF		FB	1.0				
	HITUG	SASIE	060		TF		FB	1.0				
	MISTR	MISTR	010		IF		FB					
	MISTR	JONEZ	020		TF		FB	1.0				
	MISTR	DRRTH	030		TF		FB	1.0				
	MISTR	PRIZZ	040		TF		FB	1.0				
	MISTR	CAINE	050		TF		FB	1.0				
	MISTR	SASIE	060		TF		FB	1.0				
	PONYY	PONYY	010		IF		FB					
	PONYY	RIDDE	020		TF		FB	1.0				
	PONYY	MELTE	030		TF		FB	1.0				
	PONYY	CAINE	040		TF		FB	1.0				
	PONYY	SASIE	050		TF		FB	1.0				
	RRONY	RRONY	010		IF		FB					
	RRONY	CAINE	020		TF		FB	1.0				
	RRONY	SASIE	030		TF		FB	1.0				
	ALL	SASIE	010		IF		FB					
	ALL	BLECO	020		TF		FB	1.0				
	ALL	SANGR	030		TF		FO	1.0				
	ALL	SANGR	040		FM		FB		190.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGO	N344049.67	W0943632.41	N3440.828	W09436.540
	AXXEE	N341916.58	W0955255.12	N3419.276	W09552.919
	BLECO	N332702.70	W0970632.59	N3327.045	W09706.543
	CAINE	N333857.09	W0962313.99	N3338.952	W09623.233
	DRRTH	N341202.11	W0954804.85	N3412.035	W09548.081
	HITUG	N355739.03	W0952923.44	N3557.651	W09529.391
	JONEZ	N343057.12	W0952733.78	N3430.952	W09527.563

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

MELTE	N335252.90	W0953054.40	N3352.882	W09530.907
MISTR	N345405.07	W0945249.66	N3454.085	W09452.828
PONYY	N341625.72	W0935822.88	N3416.429	W09358.381
PRIZZ	N335453.40	W0960620.34	N3354.890	W09606.339
RIDDE	N340852.23	W0942755.74	N3408.871	W09427.929
RRONY	N333455.16	W0952530.56	N3334.919	W09525.509
SANGR	N332321.94	W0971625.19	N3323.366	W09716.420
SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
RW17	N324458.76	W0974056.73	N3244.979	W09740.946
RW35	N324432.33	W0974056.94	N3244.539	W09740.949

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW17	00988	50
RW35	00983	50

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
SANGR RNAV	ONE	SASIE.SANGR1	NONE		18 SEP 2014

FAA Form 7100-3 (9/02)