

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
MYRRS	MYRRS.BULLZ6	MYRRS	SAAYY BENNR JBAGS BHAWK STNLE CUUPP LOCEN	092.40/27.99 092.87/26.99 093.37/22.35 093.46/23.96 094.10/16.61 094.17/11.98 093.03/8.64	15000 15000 15000 7000 7000 7000 7000			AT/ABOVE FL220, AT/BELOW FL260 AT/ABOVE 17000, AT/BELOW FL210 AT/ABOVE 15000, AT/BELOW FL180 AT/ABOVE 13000, AT/BELOW 15000 AT/ABOVE FL240 AT/ABOVE 17000, AT/BELOW FL220 AT 14000 AT/ABOVE 13000, AT/BELOW 15000
SHIKY	SHIKY.BULLZ6	SHIKY	BULLZ BUSSE HYYDE JAKSA MOOPS LOCEN	115.12/8.00 200.25/38.22 200.77/25.15 205.46/22.22 168.69/13.06 171.58/7.64	7000 7000 7000 7000 7000 7000			
ZZIPR	ZZIPR.BULLZ6	ZZIPR	BULLZ WELCM TEEOO CHCGO	115.12/8.00 118.15/18.89 118.29/27.00 118.68/21.49	7000 7000 7000 7000			

(2) Arrival Route Description: FROM BULLZ ON TRACK 115.22/6.00 TO CROSS TEDDY AT 11000 AT 250 KIAS (MEA 7000), THEN ON TRACK 115.31/7.06 TO KRENA (MEA 7000), THEN ON TRACK 114.51/5.00 TO COGSS (MEA 7000), THEN ON TRACK 131.77/14.14 TRACK TO SOOLU (MEA 7000).
LANDING RUNWAYS 4L/R, 9L/R, 10L/C, 14L/R, 22L/R, 27L/R, 32R: FROM SOOLU ON TRACK 142.34/8.26 TO KURKK (MEA 7000), THEN ON TRACK 092.95/10.41 TO VULCN (MEA 4000), THEN ON TRACK 093.09/12.75 TO HIMGO (MEA 4000), THEN ON TRACK 093.09. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
LANDING RUNWAYS 28C/28R: FROM SOOLU ON TRACK 162.12/20.01 TO JORJO (MEA 6000), THEN ON TRACK 093.00/8.37 TO MONKZ (MEA 6000), THEN ON TRACK 093.05/13.94 TO TONIE (MEA 4000), THEN ON TRACK 093.05. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

(3) Procedural Data Notes:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

(4) Fixes and/or Holding Patterns: CHART HOLDING AT BENNR: HOLD W, 092.87 INBOUND, LT, 10 NM LEGS. CHART HOLDING AT BHAWK: HOLD W, 093.46 INBOUND, LT, 10 NM LEGS. CHART HOLDING AT JVL VOR/DME: HOLD NW, 114.00 INBOUND, RT, 10 NM LEGS. CHART HOLDING AT MSN VORTAC: HOLD N, 167.00 INBOUND, RT, 10 NM LEGS. CHART HOLDING AT TEDDY: HOLD NW, 115.22 INBOUND, RT, 7 NM LEGS. CHART MSN VORTAC, JVL VOR/DME, AND NOGGN WP AS STAND ALONE FIXES.

(5) Communications:

ORD ATIS, CHICAGO APP CON.

(6) Arrival Name BULLZ RNAV	(7) Number SIX	(8) STAR Computer Code BULLZ.BULLZ6	(9) Superseded Nr. FIVE	(10) Dated 6/27/2013	(11) Effective Date 17 OCT 2013
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(12) Airports Served					
Airport Name CHICAGO O'HARE INTL			City/State CHICAGO, IL.		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
(13) Lost Communications Procedure: 					
(14) Remarks: 					
(15) Additional Flight Data: DME/DME ASSESSMENT: SAT (RNP 2.0). REFERENCE MAGNETIC VARIATION = KORD 03W/2010 					
(6) Arrival Name BULLZ RNAV	(7) Number SIX	(8) STAR Computer Code BULLZ.BULLZ6	(9) Superseded Nr. FIVE	(10) Dated 6/27/2013	(11) Effective Date 17 OCT 2013

(16) Continuation (1 of 2):**(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
BUSSE	BUSSE.BULLZ6	BUSSE	BHAWK	119.09/24.83	7000			AT/ABOVE FL220, AT/BELOW FL260
			STNLE	094.10/16.61	7000			AT/ABOVE 17000, AT/BELOW FL210
			CUUPP	094.17/11.98	7000			AT/ABOVE 15000, AT/BELOW FL180
			LOCEN	093.03/8.64	7000			AT/ABOVE 13000, AT BELOW 15000
			BULLZ	115.12/8.00	7000			
			HYYDE	200.77/25.15	7000			AT/ABOVE 17000, AT/BELOW FL220
			JAKSA	205.46/22.22	7000			AT 14000
TEEOO	TEEOO.BULLZ6	TEEOO	MOOPS	168.69/13.06	7000			
			LOCEN	171.58/7.64	7000			AT/ABOVE 13000, AT/BELOW 15000
			BULLZ	115.12/8.00	7000			
			CHCGO	118.68/21.49	7000			
			BHAWK	119.09/24.83	7000			AT/ABOVE FL220, AT/BELOW FL260
			STNLE	094.10/16.61	7000			AT/ABOVE 17000, AT/BELOW FL210
			CUUPP	094.17/11.98	7000			AT/ABOVE 15000, AT/BELOW FL180
			LOCEN	093.03/8.64	7000			AT/ABOVE 13000, AT BELOW 15000
			BULLZ	115.12/8.00	7000			

(6) Arrival Name

BULLZ RNAV

(7) Number

SIX

(8) STAR Computer Code

BULLZ.BULLZ6

(9) Superseded Nr.

FIVE

(10) Dated

6/27/2013

(11) Effective Date

17 OCT 2013

(16) Continuation (2 of 2):**(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) MOC A	(h) MAA	(i) Crossing Altitudes / Fixes
BHAWK	BHAWK.BULLZ6	BHAWK	STNLE CUUPP LOCEN BULLZ	094.10/16.61 094.17/11.98 093.03/8.64 115.12/8.00	7000 7000 7000 7000			AT/ABOVE 17000, AT/BELOW FL210 AT/ABOVE 15000, AT/BELOW FL180 AT/ABOVE 13000, AT BELOW 15000
BENNR	BENNR.BULLZ6	BENNR	JBAGS BHAWK STNLE CUUPP LOCEN BULLZ	093.37/22.35 093.46/23.96 094.10/16.61 094.17/11.98 093.03/8.64 115.12/8.00	7000 7000 7000 7000 7000 7000			AT/ABOVE FL220, AT/BELOW FL260 AT/ABOVE 17000, AT/BELOW FL210 AT/ABOVE 15000, AT/BELOW FL180 AT/ABOVE 13000, AT BELOW 15000
LOCEN	LOCEN.BULLZ	LOCEN	BULLZ	115.12/8.00	7000			

(6) Arrival Name BULLZ RNAV	(7) Number SIX	(8) STAR Computer Code BULLZ.BULLZ6	(9) Superseded Nr. FIVE	(10) Dated 6/27/2013	(11) Effective Date 17 OCT 2013
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**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									
MYRRS	423126.02N / 0920335.73W	Y		IF					MYRRS.BULLZ6
SAAYY	423137.44N / 0912544.57W	Y	FB	TF	089.40	27.99			
BENNR	423135.28N / 0904914.38W	Y	FB	TF	089.87	26.99			
JBAGS	423122.69N / 0901900.57W	Y	FB	TF	090.37	22.35			
BHAWK	423106.49N / 0894636.81W	Y	FB	TF	090.46	23.96	AT/ABOVE FL220 AT/BELOW FL260	280K	
STNLE	423045.13N / 0892409.91W	Y	FB	TF	091.10	16.61	AT/ABOVE 17000 AT/BELOW FL210		
CUUPP	423029.35N / 0890758.67W	Y	FB	TF	091.17	11.98	AT/ABOVE 15000 AT/BELOW FL180	280K	
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	090.03	8.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
En Route Transition									
SHIKY	441140.00N / 0882505.00W	Y		IF					SHIKY.BULLZ6
BUSSE	433508.47N / 0884040.99W	Y	FB	TF	197.25	38.22	AT/ABOVE FL240	280K	
HYUDE	431110.90N / 0885110.50W	Y	FB	TF	197.77	25.15	AT/ABOVE 17000 AT/BELOW FL220		
JAKSA	425038.05N / 0890242.67W	Y	FB	TF	202.46	22.22	AT 14000	280K	
MOOPS	423758.18N / 0885820.20W	Y	FB	TF	165.69	13.06			
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	168.58	7.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
(11) Arrival Name BULLZ RNAV	(12) Number SIX		(13) STAR Computer Code BULLZ.BULLZ6			(14) Superseded Nr. FIVE	(15) Dated 27 JUN 2013		(16) Effective Date 17 OCT 2013

 QUALITY
3
CHECKED

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									
ZZIPR	431109.00N / 0913933.00W	Y		IF					ZZIPR.BULLZ6
WELCM	430304.68N / 0911613.37W	Y	FB	TF	115.15	18.89			
TEEOO	425127.62N / 0904301.84W	Y	FB	TF	115.29	27.00			
CHCGO	424205.72N / 0901645.99W	Y	FB	TF	115.68	21.49			
BHAWK	423106.49N / 0894636.81W	Y	FB	TF	116.09	24.83	AT/ABOVE FL220 AT/BELOW FL260	280K	
STNLE	423045.13N / 0892409.91W	Y	FB	TF	091.10	16.61	AT/ABOVE 17000 AT/BELOW FL210		
CUUPP	423029.35N / 0890758.67W	Y	FB	TF	091.17	11.98	AT/ABOVE 15000 AT/BELOW FL180	280K	
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	090.03	8.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
En Route Transition									
BUSSE	433508.47N / 0884040.99W	Y		If			AT/ABOVE FL240	280K	BUSSE.BULLZ6
HYYDE	431110.90N / 0885110.50W	Y	FB	TF	197.77	25.15	AT/ABOVE 17000 AT/BELOW FL220		
JAKSA	425038.05N / 0890242.67W	Y	FB	TF	202.46	22.22	AT 14000	280K	
MOOPS	423758.18N / 0885820.20W	Y	FB	TF	165.69	13.06			
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	168.58	7.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
En Route Transition									
(11) Arrival Name BULLZ RNAV		(12) Number SIX		(13) STAR Computer Code BULLZ.BULLZ6		(14) Superseded Nr. FIVE	(15) Dated 27 JUN 2013		(16) Effective Date 17 OCT 2013

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
TEEOO	425127.62N / 0904301.84W	Y		IF					TEEOO.BULLZ6
CHCGO	424205.72N / 0901645.99W	Y	FB	TF	115.68	21.49			
BHAWK	423106.49N / 0894636.81W	Y	FB	TF	116.09	24.83	AT/ABOVE FL220 AT/BELOW FL260	280K	
STNLE	423045.13N / 0892409.91W	Y	FB	TF	091.10	16.61	AT/ABOVE 17000 AT/BELOW FL210		
CUUPP	423029.35N / 0890758.67W	Y	FB	TF	091.17	11.98	AT/ABOVE 15000 AT/BELOW FL180	280K	
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	090.03	8.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
En Route Transition									
BHAWK	423106.49N / 0894636.81W	Y		IF			AT/ABOVE FL220 AT/BELOW FL260	280K	BHAWK.BULLZ6
STNLE	423045.13N / 0892409.91W	Y	FB	TF	091.10	16.61	AT/ABOVE 17000 AT/BELOW FL210		
CUUPP	423029.35N / 0890758.67W	Y	FB	TF	091.17	11.98	AT/ABOVE 15000 AT/BELOW FL180	280K	
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	090.03	8.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
En Route Transition									
BENNR	423135.28N / 0904914.38W	Y		IF					BENNR.BULLZ6
JBAGS	423122.69N / 0901900.57W	Y	FB	TF	090.37	22.35			
BHAWK	423106.49N / 0894636.81W	Y	FB	TF	090.46	23.96	AT/ABOVE FL220 AT/BELOW FL260	280K	
STNLE	423045.13N / 0892409.91W	Y	FB	TF	091.10	16.61	AT/ABOVE 17000 AT/BELOW FL210		
(11) Arrival Name BULLZ RNAV		(12) Number SIX		(13) STAR Computer Code BULLZ.BULLZ6		(14) Superseded Nr. FIVE	(15) Dated 27 JUN 2013		(16) Effective Date 17 OCT 2013

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
CUUPP	423029.35N / 0890758.67W	Y	FB	TF	091.17	11.98	AT/ABOVE 15000 AT/BELOW FL180	280K	
LOCEN	423028.49N / 0885617.39W	Y	FB	TF	090.03	8.64	AT/ABOVE 13000 AT/BELOW 15000	270K	
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
En Route Transition									
LOCEN	423028.49N / 0885617.39W	Y		IF			AT/ABOVE 13000 AT/BELOW 15000	270K	LOCEN:BULLZ6
BULLZ	422727.26N / 0884616.67W	Y	FB	TF	112.12	8.00			
Common Route									
BULLZ	422727.26N / 0884616.67W	Y		IF					
TEDDY	422510.76N / 0883846.60W	Y	FB	TF	112.22	6.00	11000	250K	
KRENA	422229.57N / 0882958.04W	Y	FB	TF	112.31	7.06			
COGSS	422039.38N / 0882341.65W	Y	FB	TF	111.51	5.00			
SOOLU	421146.95N / 0880851.70W	Y	FB	TF	128.77	14.14			
Runway Transition									
SOOLU	421146.95N / 0880851.70W	Y		IF					
KURKK	420530.61N / 0880137.92W	Y	FB	TF	139.34	8.26			
VULCN	420530.34N / 0874739.02W	Y	FB	TF	089.95	10.41			
HIMGO	420527.84N / 0873031.89W	Y	FO	TF	090.09	12.75			
KORD RWY 4L/R, 9L/R, 32R				FM	090.09				
(11) Arrival Name BULLZ RNAV	(12) Number SIX		(13) STAR Computer Code BULLZ.BULLZ6		(14) Superseded Nr. FIVE		(15) Dated 27 JUN 2013		(16) Effective Date 17 OCT 2013

QUALITY
4
CHECKED

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
Runway Transition									
SOOLU	421146.95N / 0880851.70W	Y		IF					
KURKK	420530.61N / 0880137.92W	Y	FB	TF	139.34	8.26			
VULCN	420530.34N / 0874739.02W	Y	FB	TF	089.95	10.41			
HIMGO	420527.84N / 0873031.89W	Y	FO	TF	090.09	12.75			
KORD RWY 10L/C, 14L/R				FM	090.09				
Runway Transition									
SOOLU	421146.95N / 0880851.70W	Y		IF					
KURKK	420530.61N / 0880137.92W	Y	FB	TF	139.34	8.26			
VULCN	420530.34N / 0874739.02W	Y	FB	TF	089.95	10.41			
HIMGO	420527.84N / 0873031.89W	Y	FO	TF	090.09	12.75			
KORD RWY 22L/R, 27L/R,				FM	090.09				
Runway Transition									
SOOLU	415307.86N / 0880900.21W	Y		IF					
JORJO	415304.14N / 0875918.78W	Y	FB	TF	159.12	20.01			
MONKZ	415303.59N / 0874806.47W	Y	FB	TF	90.00	8.37			
TONIE	415301.37N / 0872926.75W	Y	FO	TF	90.05	13.94			
KORD RWY 28C/R,				FM	90.05				
(11) Arrival Name BULLZ RNAV	(12) Number SIX		(13) STAR Computer Code BULLZ.BULLZ6		(14) Superseded Nr. FIVE		(15) Dated 27 JUN 2013		(16) Effective Date 17 OCT 2013

QUALITY
3
CHECKED

**US Department of Transportation
Federal Aviation Administration**
STAR (Data Record)

SUSAP KORDK5AORD 0 130YHN41584560W087542660W003000672 1800018000C MNAR CHICAGO O'HARE INTL

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KORDK5EBULLZ64BENNR	010BENNRK3EA0E	H	IF							18000			
SUSAP KORDK5EBULLZ64BENNR	020JBAGSK5EA0E		010TF										
SUSAP KORDK5EBULLZ64BENNR	030BHAWK5EA0E	H	010TF					B FL260FL220		280			
SUSAP KORDK5EBULLZ64BENNR	040STNLEK5EA0E		010TF					B FL21017000					
SUSAP KORDK5EBULLZ64BENNR	050CUUPPK5EA0E		010TF					B FL18015000		280			
SUSAP KORDK5EBULLZ64BENNR	060LOCENK5EA0E		010TF					B 1500013000		270			
SUSAP KORDK5EBULLZ64BENNR	070BULLZK5EA0EE		010TF										
SUSAP KORDK5EBULLZ64BHAWK	010BHAWK5EA0E	H	IF					B FL260FL22018000280					
SUSAP KORDK5EBULLZ64BHAWK	020STNLEK5EA0E		010TF					B FL21017000					
SUSAP KORDK5EBULLZ64BHAWK	030CUUPPK5EA0E		010TF					B FL18015000		280			
SUSAP KORDK5EBULLZ64BHAWK	040LOCENK5EA0E		010TF					B 1500013000		270			
SUSAP KORDK5EBULLZ64BHAWK	050BULLZK5EA0EE		010TF										
SUSAP KORDK5EBULLZ64BUSSE	010BUSSEK5EA0E		IF					+ FL240		18000280			
SUSAP KORDK5EBULLZ64BUSSE	020HYDEK5EA0E		010TF					B FL22017000					
SUSAP KORDK5EBULLZ64BUSSE	030JAKSAK5EA0E		010TF					14000		280			
SUSAP KORDK5EBULLZ64BUSSE	040MOOPSK5EA0E		010TF										
SUSAP KORDK5EBULLZ64BUSSE	050LOCENK5EA0E		010TF					B 1500013000		270			
SUSAP KORDK5EBULLZ64BUSSE	060BULLZK5EA0EE		010TF										
SUSAP KORDK5EBULLZ64LOCEN	010LOCENK5EA0E		IF					B 150001300018000270					
SUSAP KORDK5EBULLZ64LOCEN	020BULLZK5EA0EE		010TF										
SUSAP KORDK5EBULLZ64MYRRS	010MYRRSK3EA0E		IF							18000			
SUSAP KORDK5EBULLZ64MYRRS	020SAAYK3EA0E		010TF										
SUSAP KORDK5EBULLZ64MYRRS	030BENNRK3EA0E	H	010TF										
SUSAP KORDK5EBULLZ64MYRRS	040JBAGSK5EA0E		010TF										
SUSAP KORDK5EBULLZ64MYRRS	050BHAWK5EA0E	H	010TF					B FL260FL220		280			
SUSAP KORDK5EBULLZ64MYRRS	060STNLEK5EA0E		010TF					B FL21017000					
SUSAP KORDK5EBULLZ64MYRRS	070CUUPPK5EA0E		010TF					B FL18015000		280			
SUSAP KORDK5EBULLZ64MYRRS	080LOCENK5EA0E		010TF					B 1500013000		270			
SUSAP KORDK5EBULLZ64MYRRS	090BULLZK5EA0EE		010TF										
SUSAP KORDK5EBULLZ64SHIKY	010SHIKYK5EA0E		IF							18000			
SUSAP KORDK5EBULLZ64SHIKY	020BUSSEK5EA0E		010TF					+ FL240		280			
SUSAP KORDK5EBULLZ64SHIKY	030HYDEK5EA0E		010TF					B FL22017000					
SUSAP KORDK5EBULLZ64SHIKY	040JAKSAK5EA0E		010TF					14000		280			
SUSAP KORDK5EBULLZ64SHIKY	050MOOPSK5EA0E		010TF										
SUSAP KORDK5EBULLZ64SHIKY	060LOCENK5EA0E		010TF					B 1500013000		270			
SUSAP KORDK5EBULLZ64SHIKY	070BULLZK5EA0EE		010TF										
SUSAP KORDK5EBULLZ64TEEOO	010TEEOOK5EA0E		IF							18000			
SUSAP KORDK5EBULLZ64TEEOO	020CHGOK5EA0E		010TF										

 QUALITY
11
CHECKED

 (11)
Arrival Name
BULLZ RNAV

 (12)
Number
SIX

 (13)
STAR Computer Code
BULLZ.BULLZ6

 (14)
Superseded Nr.
FIVE

 (15)
Dated
06/27/2013

 (16)
Effective Date
17 OCT 2013

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STAR (Data Record)

SUSAP KORDK5EBULLZ64TEEOO	030BHAWKK5EA0E	H	010TF		B FL260FL220	280
SUSAP KORDK5EBULLZ64TEEOO	040STNLEK5EA0E		010TF		B FL21017000	
SUSAP KORDK5EBULLZ64TEEOO	050CUUPPK5EA0E		010TF		B FL18015000	280
SUSAP KORDK5EBULLZ64TEEOO	060LOCENK5EA0E		010TF		B 1500013000	270
SUSAP KORDK5EBULLZ64TEEOO	070BULLZK5EA0EE		010TF			
SUSAP KORDK5EBULLZ64ZZIPR	010ZZIPRK3EA0E		IF			18000
SUSAP KORDK5EBULLZ64ZZIPR	020WELCMK3EA0E		010TF			
SUSAP KORDK5EBULLZ64ZZIPR	030TEEOOK5EA0E		010TF			
SUSAP KORDK5EBULLZ64ZZIPR	040CHCGOK5EA0E		010TF			
SUSAP KORDK5EBULLZ64ZZIPR	050BHAWKK5EA0E	H	010TF		B FL260FL220	280
SUSAP KORDK5EBULLZ64ZZIPR	060STNLEK5EA0E		010TF		B FL21017000	
SUSAP KORDK5EBULLZ64ZZIPR	070CUUPPK5EA0E		010TF		B FL18015000	280
SUSAP KORDK5EBULLZ64ZZIPR	080LOCENK5EA0E		010TF		B 1500013000	270
SUSAP KORDK5EBULLZ64ZZIPR	090BULLZK5EA0EE		010TF			
SUSAP KORDK5EBULLZ65	010BULLZK5EA0E		IF			18000
SUSAP KORDK5EBULLZ65	020TEDDYK5EA0E	H	010TF		11000	250
SUSAP KORDK5EBULLZ65	030KRENAK5EA0E		010TF			
SUSAP KORDK5EBULLZ65	040COGSSK5EA0E		010TF			
SUSAP KORDK5EBULLZ65	050SOOLUK5EA0EE		010TF			
SUSAP KORDK5EBULLZ66RW04B	010SOOLUK5EA0E		IF			18000
SUSAP KORDK5EBULLZ66RW04B	020KURKKK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW04B	030VULCNK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW04B	040HIMGOK5EA0EY		010TF			
SUSAP KORDK5EBULLZ66RW04B	050HIMGOK5EA0EE		FM MZZ K5	322812660931	D	
SUSAP KORDK5EBULLZ66RW09L	010SOOLUK5EA0E		IF			18000
SUSAP KORDK5EBULLZ66RW09L	020KURKKK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW09L	030VULCNK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW09L	040HIMGOK5EA0EY		010TF			
SUSAP KORDK5EBULLZ66RW09L	050HIMGOK5EA0EE		FM MZZ K5	322812660931	D	
SUSAP KORDK5EBULLZ66RW09R	010SOOLUK5EA0E		IF			18000
SUSAP KORDK5EBULLZ66RW09R	020KURKKK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW09R	030VULCNK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW09R	040HIMGOK5EA0EY		010TF			
SUSAP KORDK5EBULLZ66RW09R	050HIMGOK5EA0EE		FM MZZ K5	322812660931	D	
SUSAP KORDK5EBULLZ66RW10C	010SOOLUK5EA0E		IF			18000
SUSAP KORDK5EBULLZ66RW10C	020KURKKK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW10C	030VULCNK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW10C	040HIMGOK5EA0EY		010TF			
SUSAP KORDK5EBULLZ66RW10C	050HIMGOK5EA0EE		FM MZZ K5	322812660931	D	
SUSAP KORDK5EBULLZ66RW10L	010SOOLUK5EA0E		IF			18000
SUSAP KORDK5EBULLZ66RW10L	020KURKKK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW10L	030VULCNK5EA0E		010TF			
SUSAP KORDK5EBULLZ66RW10L	040HIMGOK5EA0EY		010TF			



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SUSAP	KORDK5EBULLZ66RW10L	050HIMGOK5EA0EE	FM MZZ K5	322812660931	D	
SUSAP	KORDK5EBULLZ66RW14B	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW14B	020KURKKK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW14B	030VULCNK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW14B	040HIMGOK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW14B	050HIMGOK5EA0EE	FM MZZ K5	322812660931	D	
SUSAP	KORDK5EBULLZ66RW22B	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW22B	020KURKKK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW22B	030VULCNK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW22B	040HIMGOK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW22B	050HIMGOK5EA0EE	FM MZZ K5	322812660931	D	
SUSAP	KORDK5EBULLZ66RW27L	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW27L	020KURKKK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW27L	030VULCNK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW27L	040HIMGOK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW27L	050HIMGOK5EA0EE	FM MZZ K5	322812660931	D	
SUSAP	KORDK5EBULLZ66RW27R	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW27R	020KURKKK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW27R	030VULCNK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW27R	040HIMGOK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW27R	050HIMGOK5EA0EE	FM MZZ K5	322812660931	D	
SUSAP	KORDK5EBULLZ66RW28C	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW28C	020JORJOK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW28C	030MONKZK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW28C	040TONIEK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW28C	050TONIEK5EA0EE	FM MZZ K5	319011700931	D	
SUSAP	KORDK5EBULLZ66RW28R	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW28R	020JORJOK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW28R	030MONKZK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW28R	040TONIEK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW28R	050TONIEK5EA0EE	FM MZZ K5	319011700931	D	
SUSAP	KORDK5EBULLZ66RW32R	010SOOLUK5EA0E	IF			18000
SUSAP	KORDK5EBULLZ66RW32R	020KURKKK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW32R	030VULCNK5EA0E	010TF			
SUSAP	KORDK5EBULLZ66RW32R	040HIMGOK5EA0EY	010TF			
SUSAP	KORDK5EBULLZ66RW32R	050HIMGOK5EA0EE	FM MZZ K5	322812660931	D	

[illegible]

SUSAP KORDK5GRW04L	0075000425	N41585396W087545010-0100	+0166300656000055150RIHNA0
SUSAP KORDK5GRW04R	0080750445	N41571198W087535791-0100	+0168000661000052150IIFJU1
SUSAP KORDK5GRW09L	0075000930	N42001020W087553603-0100	+0170000668000052150IISAJ3

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SUSAP KORDK5GRW09R	0079670930	N41590203W087550607-0100	+0167500660000057150I1JAV1
SUSAP KORDK5GRW10C	0108010929	N41575653W087555348-0200	+0170400669000055200I1SXH3
SUSAP KORDK5GRW10L	0130000929	N41580838W087555351-0200	+0171300672000056150I1MED3
SUSAP KORDK5GRW14L	0100051430	N41595365W087543831+0000	+0164000649199855150I1OHA3
SUSAP KORDK5GRW14R	0096861430	N41592557W087555930-0100	+0169300666000056200I1ORD3
SUSAP KORDK5GRW22L	0080752245	N41581172W087524708+0100	+0165800654000055150I1LQQ1
SUSAP KORDK5GRW22R	0075002225	N41595113W087534694+0100	+0163800648000049150I1RXZ1
SUSAP KORDK5GRW27L	0079672730	N41590204W087532058+0100	+0164500650000052150I1IAC3
SUSAP KORDK5GRW27R	0075002730	N42001019W087535670+0100	+0168600664000055150I1ABU3
SUSAP KORDK5GRW28C	0108012729	N41575676W087533052+0200	+0164500650000055200I1VZE3
SUSAP KORDK5GRW28R	0130002729	N41580865W087530142+0200	+0164900651000051150I1TSL3
SUSAP KORDK5GRW32R	0100053230	N41585306W087533017+0000	+0163900648000076150I1IDN1



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ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BENNR	BENNR	010		IF		FB					
	BENNR	JBAGS	020		TF		FB	1.0				
	BENNR	BHAWK	030		TF		FB	1.0			BT FL260FL220	AT 280
	BENNR	STNLE	040		TF		FB	1.0			BT FL21017000	
	BENNR	CUUPP	050		TF		FB	1.0			BT FL18015000	AT 280
	BENNR	LOCEN	060		TF		FB	1.0			BT 1500013000	AT 270
	BENNR	BULLZ	070		TF		FB	1.0				
	BHAWK	BHAWK	010		IF		FB				BT FL260FL220	AT 280
	BHAWK	STNLE	020		TF		FB	1.0			BT FL21017000	
	BHAWK	CUUPP	030		TF		FB	1.0			BT FL18015000	AT 280
	BHAWK	LOCEN	040		TF		FB	1.0			BT 1500013000	AT 270
	BHAWK	BULLZ	050		TF		FB	1.0				
	BUSSE	BUSSE	010		IF		FB				AA FL240	AT 280
	BUSSE	HYIDE	020		TF		FB	1.0			BT FL22017000	
	BUSSE	JAKSA	030		TF		FB	1.0			AT 14000	AT 280
	BUSSE	MOOPS	040		TF		FB	1.0				
	BUSSE	LOCEN	050		TF		FB	1.0			BT 1500013000	AT 270
	BUSSE	BULLZ	060		TF		FB	1.0				
	LOCEN	LOCEN	010		IF		FB				BT 1500013000	AT 270
	LOCEN	BULLZ	020		TF		FB	1.0				
	MYRRS	MYRRS	010		IF		FB					
	MYRRS	SAAYY	020		TF		FB	1.0				
	MYRRS	BENNR	030		TF		FB	1.0				
	MYRRS	JBAGS	040		TF		FB	1.0				
	MYRRS	BHAWK	050		TF		FB	1.0			BT FL260FL220	AT 280
	MYRRS	STNLE	060		TF		FB	1.0			BT FL21017000	
	MYRRS	CUUPP	070		TF		FB	1.0			BT FL18015000	AT 280
	MYRRS	LOCEN	080		TF		FB	1.0			BT 1500013000	AT 270
	MYRRS	BULLZ	090		TF		FB	1.0				
	SHIKY	SHIKY	010		IF		FB					
	SHIKY	BUSSE	020		TF		FB	1.0			AA FL240	AT 280
	SHIKY	HYIDE	030		TF		FB	1.0			BT FL22017000	
	SHIKY	JAKSA	040		TF		FB	1.0			AT 14000	AT 280
	SHIKY	MOOPS	050		TF		FB	1.0				
	SHIKY	LOCEN	060		TF		FB	1.0			BT 1500013000	AT 270
	SHIKY	BULLZ	070		TF		FB	1.0				
	TEEOO	TEEOO	010		IF		FB					
	TEEOO	CHCGO	020		TF		FB	1.0				

(11)
Arrival Name
BULLZ RNAV

(12)
Number
SIX

(13)
STAR Computer Code
BULLZ.BULLZ6

(14)
Superseded Nr.
FIVE

(15)
Dated
06/27/2013

(16)
Effective Date
17 OCT 2013

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TEEOO	BHAWK	030	TF	FB	1.0	BT FL260FL220 AT 280
TEEOO	STNLE	040	TF	FB	1.0	BT FL21017000
TEEOO	CUUPP	050	TF	FB	1.0	BT FL18015000 AT 280
TEEOO	LOCEN	060	TF	FB	1.0	BT 1500013000 AT 270
TEEOO	BULLZ	070	TF	FB	1.0	
ZZIPR	ZZIPR	010	IF	FB		
ZZIPR	WELCM	020	TF	FB	1.0	
ZZIPR	TEEOO	030	TF	FB	1.0	
ZZIPR	CHCGO	040	TF	FB	1.0	
ZZIPR	BHAWK	050	TF	FB	1.0	BT FL260FL220 AT 280
ZZIPR	STNLE	060	TF	FB	1.0	BT FL21017000
ZZIPR	CUUPP	070	TF	FB	1.0	BT FL18015000 AT 280
ZZIPR	LOCEN	080	TF	FB	1.0	BT 1500013000 AT 270
ZZIPR	BULLZ	090	TF	FB	1.0	
	BULLZ	010	IF	FB		
	TEDDY	020	TF	FB	1.0	AT 11000 AT 250
	KRENA	030	TF	FB	1.0	
	COGSS	040	TF	FB	1.0	
	SOOLU	050	TF	FB	1.0	
RW04B	SOOLU	010	IF	FB		
RW04B	KURKK	020	TF	FB	1.0	
RW04B	VULCN	030	TF	FB	1.0	
RW04B	HIMGO	040	TF	FO	1.0	
RW04B	HIMGO	050	FM	FB		093.1()
RW09L	SOOLU	010	IF	FB		
RW09L	KURKK	020	TF	FB	1.0	
RW09L	VULCN	030	TF	FB	1.0	
RW09L	HIMGO	040	TF	FO	1.0	
RW09L	HIMGO	050	FM	FB		093.1()
RW09R	SOOLU	010	IF	FB		
RW09R	KURKK	020	TF	FB	1.0	
RW09R	VULCN	030	TF	FB	1.0	
RW09R	HIMGO	040	TF	FO	1.0	
RW09R	HIMGO	050	FM	FB		093.1()
RW10C	SOOLU	010	IF	FB		
RW10C	KURKK	020	TF	FB	1.0	
RW10C	VULCN	030	TF	FB	1.0	
RW10C	HIMGO	040	TF	FO	1.0	
RW10C	HIMGO	050	FM	FB		093.1()
RW10L	SOOLU	010	IF	FB		
RW10L	KURKK	020	TF	FB	1.0	
RW10L	VULCN	030	TF	FB	1.0	
RW10L	HIMGO	040	TF	FO	1.0	

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RW10L	HIMGO	050	FM	FB	093.1()	
RW14B	SOOLU	010	IF	FB		
RW14B	KURKK	020	TF	FB	1.0	
RW14B	VULCN	030	TF	FB	1.0	
RW14B	HIMGO	040	TF	FO	1.0	
RW14B	HIMGO	050	FM	FB	093.1()	
RW22B	SOOLU	010	IF	FB		
RW22B	KURKK	020	TF	FB	1.0	
RW22B	VULCN	030	TF	FB	1.0	
RW22B	HIMGO	040	TF	FO	1.0	
RW22B	HIMGO	050	FM	FB	093.1()	
RW27L	SOOLU	010	IF	FB		
RW27L	KURKK	020	TF	FB	1.0	
RW27L	VULCN	030	TF	FB	1.0	
RW27L	HIMGO	040	TF	FO	1.0	
RW27L	HIMGO	050	FM	FB	093.1()	
RW27R	SOOLU	010	IF	FB		
RW27R	KURKK	020	TF	FB	1.0	
RW27R	VULCN	030	TF	FB	1.0	
RW27R	HIMGO	040	TF	FO	1.0	
RW27R	HIMGO	050	FM	FB	093.1()	
RW28C	SOOLU	010	IF	FB		
RW28C	JORJO	020	TF	FB	1.0	
RW28C	MONKZ	030	TF	FB	1.0	
RW28C	TONIE	040	TF	FO	1.0	
RW28C	TONIE	050	FM	FB	093.1()	
RW28R	SOOLU	010	IF	FB		
RW28R	JORJO	020	TF	FB	1.0	
RW28R	MONKZ	030	TF	FB	1.0	
RW28R	TONIE	040	TF	FO	1.0	
RW28R	TONIE	050	FM	FB	093.1()	
RW32R	SOOLU	010	IF	FB		
RW32R	KURKK	020	TF	FB	1.0	
RW32R	VULCN	030	TF	FB	1.0	
RW32R	HIMGO	040	TF	FO	1.0	
RW32R	HIMGO	050	FM	FB	093.1()	
POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS	
	MZZ	N402935.99	W0854045.30	N4029.600	W08540.755	
	BENNR	N423135.28	W0904914.38	N4231.588	W09049.240	
	BHAWK	N423106.49	W0894636.81	N4231.108	W08946.614	
	BULLZ	N422727.26	W0884616.67	N4227.454	W08846.278	

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BUSSE	N433508.47	W0884040.99	N4335.141	W08840.683
CHCGO	N424205.72	W0901645.99	N4242.095	W09016.767
COGSS	N422039.38	W0882341.65	N4220.656	W08823.694
CUUFP	N423029.35	W0890758.67	N4230.489	W08907.978
HIMGO	N420527.84	W0873031.89	N4205.464	W08730.532
HYIDE	N431110.90	W0885110.50	N4311.182	W08851.175
JAKSA	N425038.05	W0890242.67	N4250.634	W08902.711
JBAGS	N423122.69	W0901900.57	N4231.378	W09019.010
JORJO	N415304.14	W0875918.78	N4153.069	W08759.313
KRENA	N422229.57	W0882958.04	N4222.493	W08829.967
KURKK	N420530.61	W0880137.92	N4205.510	W08801.632
LOCEN	N423028.49	W0885617.39	N4230.475	W08856.290
MONKZ	N415303.59	W0874806.47	N4153.060	W08748.108
MOOPS	N423758.18	W0885820.20	N4237.970	W08858.337
MYRRS	N423126.02	W0920335.73	N4231.434	W09203.596
SAAYY	N423137.44	W0912544.57	N4231.624	W09125.743
SHIKY	N441140.00	W0882505.00	N4411.667	W08825.083
SOOLU	N421146.95	W0880851.70	N4211.783	W08808.862
STNLE	N423045.13	W0892409.91	N4230.752	W08924.165
TEDDY	N422510.76	W0883846.60	N4225.179	W08838.777
TEEOO	N425127.62	W0904301.84	N4251.460	W09043.031
TONIE	N415301.37	W0872926.75	N4153.023	W08729.446
VULCN	N420530.34	W0874739.02	N4205.506	W08747.650
WELCM	N430304.68	W0911613.37	N4303.078	W09116.223
ZZIPR	N431109.00	W0913933.00	N4311.150	W09139.550
RW04L	N415853.96	W0875450.10	N4158.899	W08754.835
RW04R	N415711.98	W0875357.91	N4157.200	W08753.965
RW09L	N420010.20	W0875536.03	N4200.170	W08755.601
RW09R	N415902.03	W0875506.07	N4159.034	W08755.101
RW10C	N415756.53	W0875553.48	N4157.942	W08755.891
RW10L	N415808.38	W0875553.51	N4158.140	W08755.892
RW14L	N415953.65	W0875438.31	N4159.894	W08754.639
RW14R	N415925.57	W0875559.30	N4159.426	W08755.988
RW22L	N415811.72	W0875247.08	N4158.195	W08752.785
RW22R	N415951.13	W0875346.94	N4159.852	W08753.782
RW27L	N415902.04	W0875320.58	N4159.034	W08753.343
RW27R	N420010.19	W0875356.70	N4200.170	W08753.945
RW28C	N415756.76	W0875330.52	N4157.946	W08753.509
RW28R	N415808.65	W0875301.42	N4158.144	W08753.024
RW32R	N415853.06	W0875330.17	N4158.884	W08753.503

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
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RW04L	00656	55
RW04R	00661	52
RW09L	00668	52
RW09R	00660	57
RW10C	00669	55
RW10L	00672	56
RW14L	00649	55
RW14R	00666	56
RW22L	00654	55
RW22R	00648	49
RW27L	00650	52
RW27R	00664	55
RW28C	00650	55
RW28R	00651	51
RW32R	00648	76

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
BULLZ RNAV	SIX	BULLZ.BULLZ6	FIVE	06/27/2013	17 OCT 2013