

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FGT VORTAC AIRWAY RADIALS 258 CW 011.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: CIRCLING RWY 36 NA AT NIGHT.

CHART NOTE: RWY 28L STRAIGHT-IN/CIRCLING MINIMUMS NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CITY AND STATE

MINNEAPOLIS, MN

ELEVATION: 906

THRE: 898

AIRPORT NAME:

FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28L, AMDT 2

10 JANUARY 2013

SUP:

AMDT: 1

DATED: 06/30/2011

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KFCM
RUNWAY RW28L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W28B
LTP/FTP LATITUDE 444935.1400N
LTP/FTP LONGITUDE 0932706.4500W
LTP/FTP ELLIPSOIDAL HEIGHT +02469
FPAP LATITUDE 444952.1685N
FPAP LONGITUDE 0932909.3390W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1232
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

928E8E23

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02737
FPAP ORTHOMETRIC HEIGHT +02737

CITY AND STATE

MINNEAPOLIS, MN

ELEVATION: 906

THRE: 898

AIRPORT NAME:

FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28L, AMDT 2

10 JANUARY 2013

SUP:

AMDT:

1

DATED:

06/30/2011

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFCMK3FR28L	AFGT	010FGT	K3D 0V	A	IF				18000		A	JS
SUSAP	KFCMK3FR28L	AFGT	020HERBOK3EA0EE	B	010TF		33200102	+	02500			A	JS
SUSAP	KFCMK3FR28L	R	010HERBOK3EA0E	I	IF			+	02500	18000		A	JS
SUSAP	KFCMK3FR28L	R	020ELOITK3EA1E	F	051TF		29310041	+	02100		RW28L	K3PGA	JS
SUSAP	KFCMK3FR28L	R	020ELOITK3EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KFCMK3FR28L	R	030RW28LK3PGOGY	M	031TF		27810036		00953		-300	A	JS
SUSAP	KFCMK3FR28L	R	040	0	M	CA	2781	+	01148			A	JS
SUSAP	KFCMK3FR28L	R	050ZAMUDK3EA0EY		DF			+	02700			A	JS
SUSAP	KFCMK3FR28L	R	060ZAMUDK3EA0EE	R	HM		09780040	+	02700			A	JS

[illegible][illegible][illegible]

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 906	THRE: 898	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 28L, AMDT 2 10 JANUARY 2013	SUP:
	AIRPORT NAME: FLYING CLOUD	FACILITY IDENTIFIER: RNAV		AMDT: 1
				DATED: 06/30/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

SUSAP KFCMK3SRW28LK3PG

0 18018003525

M

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 906 THRE: 898
AIRPORT NAME:
FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 28L, AMDT 2
10 JANUARY 2013

SUP:
AMDT: 1
DATED: 06/30/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FGT	FGT	010	IAF	IF		FB					
	FGT	HERBO	020		TF		FB	1.0	332.0(335.0T)	010.2	AA 02500	
		HERBO	010	FACF	IF		FB				AA 02500	
		ELOIT	020	FAF	TF		FB	0.5	293.1(296.1T)	004.1	AA 02100	
		RW28L	030	MAP	TF		FO	0.3	278.1(281.1T)	003.6	AT 00953	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		278.1(281.1T)		AA 01148	
	ZAMUD	050		DF		FO				AA 02700	
	ZAMUD	060		HM	R	FO		097.8(100.8T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FGT	N443751.43	W0931055.37	N4437.857	W09310.923
	ELOIT	N444853.75	W0932208.93	N4448.896	W09322.149
	HERBO	N444705.62	W0931658.11	N4447.094	W09316.969
	ZAMUD	N445158.48	W0934430.13	N4451.975	W09344.502
	RW28L	N444935.14	W0932706.45	N4449.586	W09327.108

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	00898	55

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 906 THRE: 898
 AIRPORT NAME:
 FLYING CLOUD

FACILITY
IDENTIFIER:
 RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) RWY 28L, AMDT 2
 10 JANUARY 2013

SUP:
 AMDT: 1
 DATED: 06/30/2011