

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
LYH VORTAC	KUJUM (FB)	034.06 / 15.70	4400	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 3000 DIRECT KUCEC AND VIA 206.83 TRACK TO LYH VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 030.41 INBOUND. CHART FAS OBST: 1469 TWR 372057N/0791004W DISTANCE TO THLD FROM 312 HAT: 0.82 NM. WAAS CHANNEL # 97705 REFERENCE PATH ID: W22A
CLYFF (IAF)	KUJUM (NOPT) (FB)	172.72 / 11.15	4400	
RADIA (IAF)	KUJUM (NOPT) (FB)	128.28 / 13.60	4400	
SWARM (IAF)	KUJUM (NOPT) (FB)	283.80 / 8.08	4400	
KUJUM (IF/IAF)	JIXOX (FB)	215.87 / 6.02	2500	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE KUJUM, RT, 215.87 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 215.84 FAF: JIXOX DIST FAF TO MAP: 4.68 THLD: 4.68
4. MIN. ALT: KUJUM 4400, JIXOX 2500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: JIXOX OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 51.0 34:1 IS NOT CLEAR
8. MSA FROM: RW22 5500

MAG VAR: 8W

EPOCH YEAR: 1995

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1250	1	312	1250	1	312	1250	1	312	1250	1	312			
LNAV/VNAV DA	1939	2	1001	1939	2	1001	1939	3	1001	1939	3	1001			
LNAV MDA	1720	1	782	1720	1 1/4	782	1720	2 1/4	782	1720	2 1/2	782			
CIRCLING	1720	1	782	1720	1 1/4	782	1800	2 1/2	862	1800	2 3/4	862			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ CAT C 900-2 1/2, CAT D 900-2 3/4
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW AND PROFILE NOTE: FOR LNAV/VNAV FLY VISUAL TO AIRPORT, 216.00 DEGREES - 3 MILES.
 SEE 8260-10

CITY AND STATE LYNCHBURG, VA	ELEVATION: 938 TDZE: 938 AIRPORT NAME: LYNCHBURG RGNL/PRESTON GLENN FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD NO.: RNAV (GPS) RWY 22, ORIG OCT 25 2007	SUP: AMD: NONE DATED
--	--	-------------------------------------	--	-----------------------------------

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - 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.

NOTES CONT.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LYH VORTAC VIA V16-260 WEST BOUND.

CITY AND STATE

LYNCHBURG, VA

ELEVATION: 938 TDZE: 938

AIRPORT NAME:

LYNCHBURG RGNL/PRESTON GLENN FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) RWY 22, ORIG

OCT 25 2007

SUP:

AMDT:

NONE

DATED:

RNAV (GPS) 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	KLYH
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	371955.0820N
LTP/FTP LONGITUDE	0791147.6980W
LTP/FTP ELLIPSOIDAL HEIGHT	+02541
FPAP LATITUDE	371836.1700N
FPAP LONGITUDE	0791239.8100W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0584
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

190A9A5E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02859
FPAP ORTHOMETRIC HEIGHT	+02859

CITY AND STATE

LYNCHBURG, VA

ELEVATION: 938 TDZE: 938

AIRPORT NAME:

LYNCHBURG RGNL/PRESTON GLENN FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 22, ORIG

OCT 25 2007

SUP:

AMDT:

NONE

DATED:

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]

SUP:	
AMDT:	NONE
DATED:	

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]

SUP:	
AMDT:	NONE
DATED:	04

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CLYFF	CLYFF	010	IAF	IF		FB				
	CLYFF	KUJUM	020		TF		FB	1.0	172.7 (165T)	011.2	04400
	LYH	LYH	010		IF		FB				
	LYH	KUJUM	020	IAF	TF		FB	2.0	034.1 (026T)	015.7	04400
	LYH	KUJUM	030		HF	R	FB		215.9 (208T)	005.0	04400
	RADIA	RADIA	010	IAF	IF		FB				
	RADIA	KUJUM	020		TF		FB	1.0	128.3 (120T)	013.6	04400
	SWARM	SWARM	010	IAF	IF		FB				
	SWARM	KUJUM	020		TF		FB	1.0	283.8 (276T)	008.1	04400
		KUJUM	010	FACF	IF		FB				04400
		JIXOX	020	FAF	TF		FB	0.5	215.9 (208T)	006.0	02500
		RW22	030	MAP	TF		FO	0.3	215.8 (208T)	006.0	00989

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KUCEC	040		DF		FB	1.0			
	LYH	050		TF		FO	1.0	206.8 (199T)		03000
	LYH	060		HM	R	FO	2.0	030.4 (022T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LYH	N371516.70	W0791411.30	N3715.278	W07914.188
	CLYFF	N374009.45	W0790912.76	N3740.158	W07909.213
	JIXOX	N372403.92	W0790903.15	N3724.065	W07909.053
	KUCEC	N371808.80	W0791257.87	N3718.147	W07912.965
	KUJUM	N372923.45	W0790531.36	N3729.391	W07905.523
	RADIA	N373616.35	W0792016.85	N3736.273	W07920.281
	SWARM	N372834.84	W0785525.24	N3728.581	W07855.421
	RW22	N371955.08	W0791147.70	N3719.918	W07911.795

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW22	00938		51

CITY AND STATE
 LYNCHBURG, VA

ELEVATION: 938 TDZE: 938
 AIRPORT NAME:
 LYNCHBURG RGNL/PRESTON GLENN FLD

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO.:
 RNAV (GPS) RWY 22, ORIG
 OCT 25 2007

SUP:
 AMDT: NONE
 DATED: