

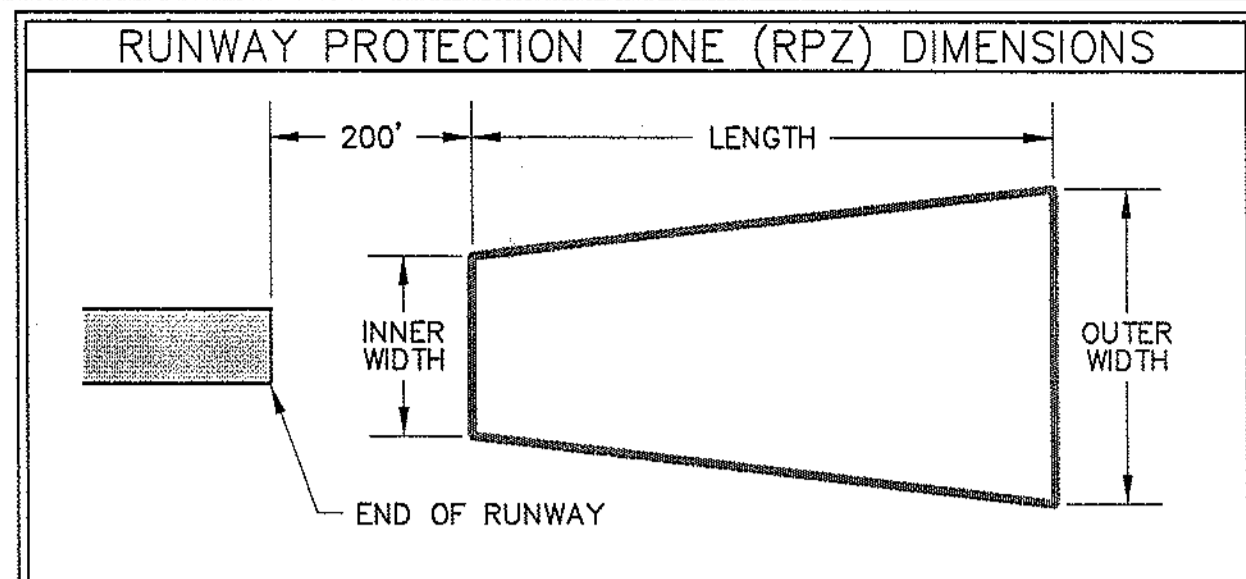
NONCONFORMING CONDITIONS				
DESCRIPTION	EXISTING/PLANNED	STANDARD	REMARKS	DATE APPROVED
LINE-OF-SITE DEFICIENCY	EXISTING	INTERVISIBILITY OF ALL POINTS 5' ABOVE RWY C/L REGARDLESS OF LOCATION	POINT 5' ABOVE RWY C/L AT ONE END NOT VISIBLE ON OTHER END	PENDING
75 FT. DIAMETER SEGMENTED CIRCLE	PLANNED	100 FT. DIAMETER	NEEDED TO FIT WITHIN PROPERTY BOUNDARIES	PENDING
SINGLE-USER LIRLS FOR AMERICAN SKIING CO.	EXISTING	AVAILABLE TO PUBLIC MIRLS	TO BE REPLACED DURING RUNWAY LIGHTING PROJECT	PENDING
SOLAR-POWERED AIMING-POINT MARKER	EXISTING TO BE REMOVED	PAPI	TO BE REMOVED ONCE PAPI IS INSTALLED	PENDING

CERTIFICATION:
I HEREBY CERTIFY THAT ALL AIRPORT ELEMENTS SHOWN ON THIS ALP ARE IN ACCORDANCE WITH CRITERIA CONTAINED IN THE CURRENT EDITION OF FAA ADVISORY CIRCULAR 150/5300-13 EXCEPT AS NOTED IN THE TABLE ENTITLED "NONCONFORMING CONDITIONS."

NAME _____ DATE _____
PRINTED NAME/TITLE

NUMBER	STATUS	BUILDING LEGEND
1	R	TERMINAL BUILDING/FBO OFFICE
2	R	PRIVATE CONVENTIONAL HANGAR
3	R	PRIVATE CONVENTIONAL HANGAR
4	R	PRIVATE CONVENTIONAL HANGAR (CLUKEY)
5	R	PRIVATE CONVENTIONAL HANGAR (OTTEN)
6	R	OUTHOUSE
7	E	PRIVATE CONVENTIONAL HANGAR (OTTEN)
8	P	T-HANGARS
9-15	P	PRIVATE CONVENTIONAL HANGAR
17	P	TERMINAL BUILDING / HANGAR

NOTE: E = EXISTING BUILDING TO REMAIN
R = EXISTING BUILDING TO BE REMOVED
P = PROPOSED BUILDING

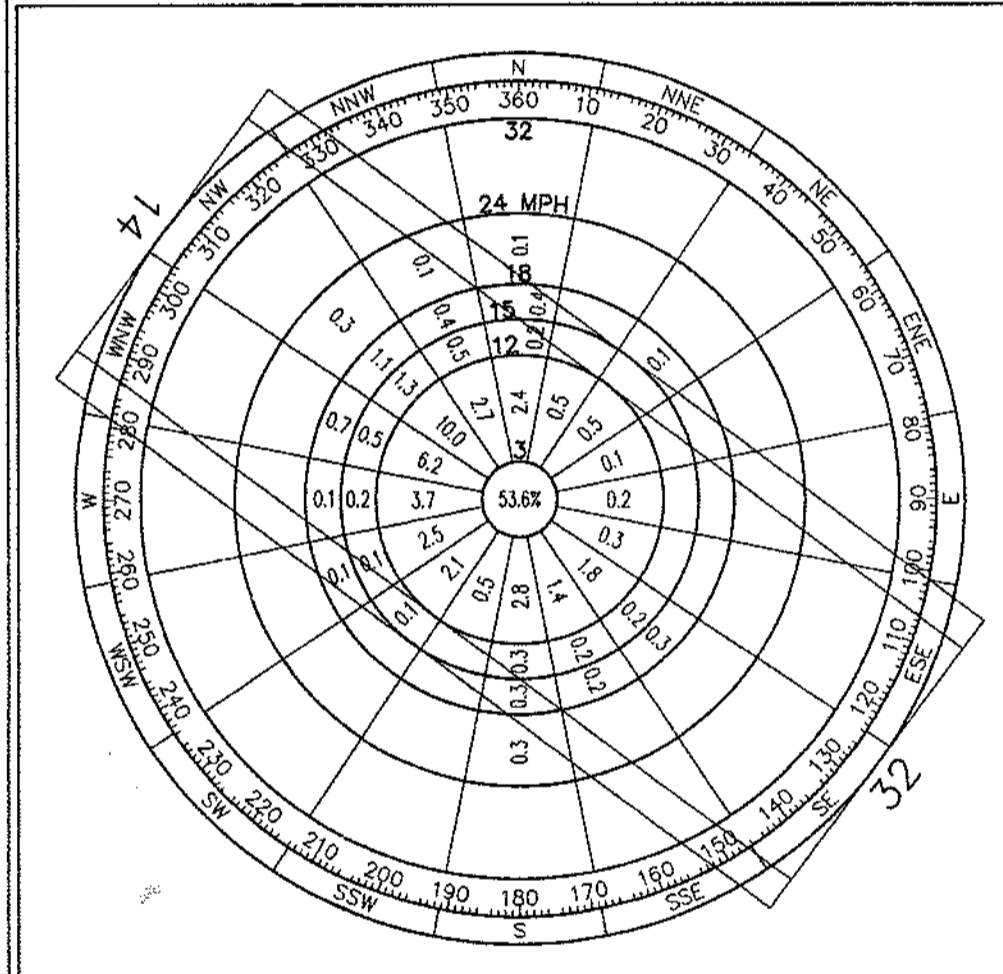


EXISTING AND ULTIMATE						
RUNWAY	APPROACH TYPE	SLOPE	INNER WIDTH	OUTER WIDTH	LENGTH	ACRES
R/W 14	VISUAL	20:1	500'	700'	1,000'	13.77
R/W 32	VISUAL	20:1	500'	700'	1,000'	13.77

LEGEND	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	---	---
ABUTTERS' PROPERTY LINE	---	SAME
PAVEMENT	---	---
CONTOURS *	50	N/A
TREE LINE	---	N/A
AVIGATION EASEMENT LINE		SAME
FENCE LINE	---	---
BUILDINGS	---	---
WIND CONE	---	---
MAINE STATE GRID TICK (NAD83)	+	SAME
UTILITY POLE	---	SAME
OBJECT FREE AREA (OFA)	---	---
RUNWAY SAFETY AREA (RSA)	---	---
BUILDING RESTRICTION LINE (BRL)	---	SAME
WETLANDS (SKETCH-MAP LEVEL)	---	SAME

* 2-FT. CONTOUR INTERVAL IS SHOWN ON PLAN.

NOTE:
BUILDING RESTRICTION LINE (BRL) WAS ESTABLISHED IN ACCORDANCE WITH FAA DESIGN AND FAR PART 77 CRITERIA. ITS LOCATION UTILIZES A 20 FT. VERTICAL OBJECT HEIGHT. THE BRL LOCATION MAY CHANGE DUE TO GROUND CONTOURS OR DIFFERENT OBJECT HEIGHTS, BUT ALWAYS IN ACCORDANCE WITH FAR PART 77 AND FAA DESIGN CRITERIA.



PERCENT WIND COVERAGE:

	12 MPH CROSSWINDS	15 MPH CROSSWINDS
R/W 14:	62.3%	62.6%
R/W 32:	89.0%	89.7%
TOTAL:	97.8%	98.7%
CALMS:	53.6%	56.3%

LOCATION: BERLIN, NH
PERIOD: JUNE, 1951 TO SEPT., 1960.
AVE. 6-7 OBSERVATIONS DAILY.
8,013 OBSERVATIONS TOTAL.
OCCURRENCE: 100%
SOURCE: NOAA, ASHEVILLE, NC

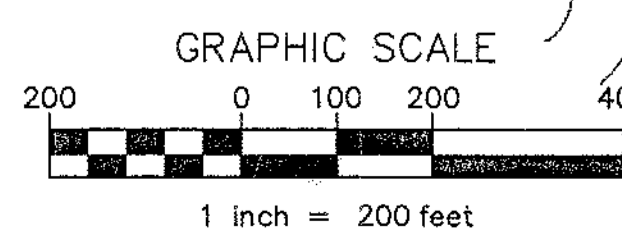
ALL WEATHER WINDROSE

RUNWAY DATA	EXISTING		ULTIMATE	
	14	32	14	32
RUNWAY LENGTH	3,147 FT		4,000 FT	
RUNWAY WIDTH	60 FT		75 FT	
RUNWAY APPROACH TYPES	VISUAL	VISUAL	CIRCLING NON-PRECISION	
RUNWAY APPROACH SURFACE SLOPE	20:1	20:1	20:1	20:1
RUNWAY THRESHOLD DISPLACEMENT	N/A	N/A	N/A	N/A
RUNWAY SAFETY AREA	120 FT x 3,627 FT		150 FT x 4,600 FT	
RUNWAY OBJECT FREE AREA	400 FT x 3,627 FT		500 FT x 4,600 FT	
RUNWAY SURFACE MATERIAL	ASPHALT		ASPHALT	
PAVEMENT STRENGTH *	30,000-LB. (S)		30,000 LB (S)	
RUNWAY EFFECTIVE GRADIENT	0.35%		0.31%	
RUNWAY MARKING	BASIC		BASIC	
RUNWAY EDGE LIGHTING	LIRLS**		MIRLS	
RUNWAY NAVIGATIONAL AIDS	SOLAR-POWERED TOUCHDOWN AIMING POINT MARKER		RELS, SEGMENTED CIRCLE WITH LIGHTED WINDCONE, PAPI 4-L	
TAXIWAY EDGE LIGHTING	A: NONE B: LITLS** C: NONE		A: MITLS B: MITLS C: MITLS	
TAXIWAY OBJECT FREE AREA WIDTH	89 FT		131 FT	

* PAVEMENT STRENGTHS ARE EXPRESSED IN SINGLE (S), DUAL (D), AND DUAL TANDEM (DT) WHEEL LOADING CAPACITIES.
** FOR SINGLE USER ONLY

CONSTRUCTION NOTICE REQUIREMENT
TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION	664 FT MSL	668 FT MSL
AIRPORT REFERENCE POINT (ARP) NAD83	44°25'26.35" N 70°48'28.69" W	44°25'28.80" N 70°48'34.44" W
MEAN MAXIMUM TEMPERATURE OF THE HOTTEST MONTH	80.5° F	80.5° F
AIRPORT SERVICE LEVEL	GENERAL AVIATION	GENERAL AVIATION
DESIGN AIRCRAFT	PIPER CHEYENNE	CITATION 5 OR KING AIR B200
FUEL AVAILABILITY	100LL/JET-A	100LL/JET-A
AIRPORT CLASSIFICATION	BI	BII



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Client No. 8160064
Proj. Manager CLJ/JEG
Proj. Designer JEG
Drawn By MRS
Checked By JEG
Scale 1"=200'
Approved DCD
Date 08-31-98

COLONEL DYKE AIRFIELD
A.I.P. PROJECT NO. 3-23-0008-05
ULTIMATE AIRPORT LAYOUT PLAN

MAINE
BETHEL

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