LOCATION: NEWPORT STATE AIRPORT CONVENTRY, VERMONT

SOURCE: FAA FILES, CIVIL AERONAUTICS ADMINISTRATION CAA DRAWING 793

OBSERVATIONS: 8,395 JAN. 1941 – DEC. 1946 SEPTEMBER AND OCTOBER, 1944 MISSING

WIND COVERAGE

CALMS, 0-3 MPH = 34.8%

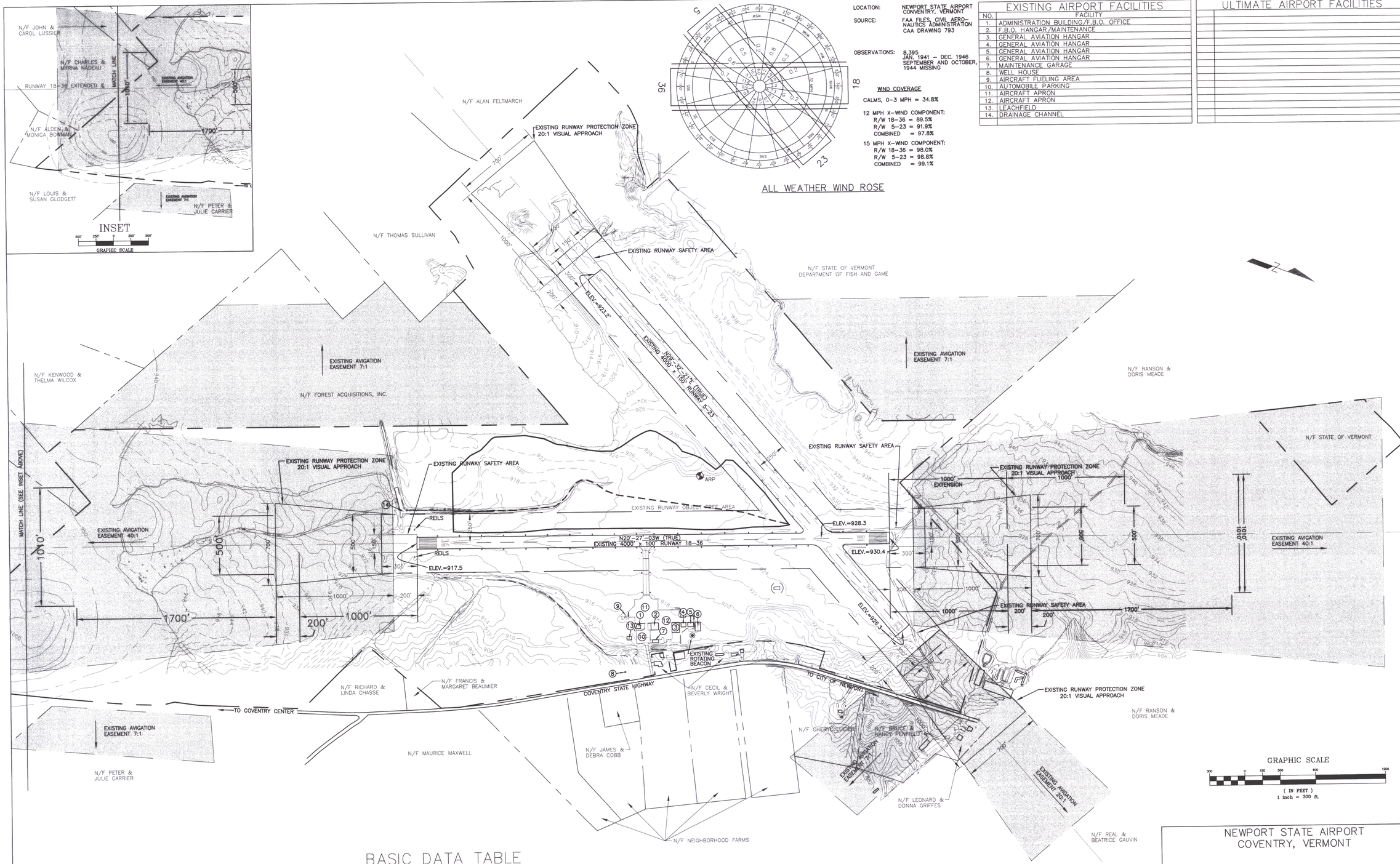
12 MPH X-WIND COMPONENT:
R/W 18-36 = 89.5%
R/W 5-23 = 91.9%
COMBINED = 97.8%

15 MPH X-WIND COMPONENT:
R/W 18-36 = 98.0%
R/W 5-23 = 98.8%
COMBINED = 99.1%

EXISTING AIRPORT FACILITIES

NO.	FACILITY
1.	ADMINISTRATION BUILDING/F.B.O. OFFICE
2.	F.B.O. HANGAR/MAINTENANCE
3.	GENERAL AVIATION HANGAR
4.	GENERAL AVIATION HANGAR
5.	GENERAL AVIATION HANGAR
6.	GENERAL AVIATION HANGAR
7.	MAINTENANCE GARAGE
8.	WELL HOUSE
9.	AIRCRAFT FUELING AREA
10.	AUTOMOBILE PARKING
11.	AIRCRAFT APRON
12.	AIRCRAFT APRON
13.	LEACHFIELD
14.	DRAINAGE CHANNEL

ULTIMATE AIRPORT FACILITIES



BASIC DATA TABLE

RUNWAY DATA

	RUNWAY 5-23		RUNWAY 18-36	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
EFFECTIVE GRADIENT (%)	0.16		0.30	
WIND COVERAGE	SEE WIND ROSE THIS SHEET		SEE WIND ROSE THIS SHEET	
PAVEMENT STRENGTH	30K(S) INSUFFICIENT (5,07)		30K(S) 43.5(D) 63K(DT)	
LENGTH	4,000'		4,000'	
WIDTH	150'		100'	
RUNWAY MARKINGS	BASIC		BASIC	
RUNWAY LIGHTING	NONE		MIRLS	
RUNWAY SAFETY AREA WIDTH	300'		300'	
APPROACH SURFACES AND CLEAR ZONES	20:1 (R/W 5) 20:1 (R/W 23)		20:1 (R/W 18) 20:1 (R/W 36)	
PART 77 CATEGORY	VISUAL (5,23)		VISUAL (18,36)	
NAVIGATION AIDS	NDB (23)		NONE	
VISUAL AIDS	NONE		REILS (36)	
	GEN. UTILITY		GEN. UTILITY	

AIRPORT DATA

	EXISTING	ULTIMATE
AIRPORT ELEVATION (U.S.G.S. M.S.L. DATUM)	930.4'	
AIRPORT REFERENCE POINT (ESTIMATED)	44°-53'-24" N 72°-13'-48" W	
MEAN MAX. TEMP. OF HOTTEST MONTH	79°F	
TAXIWAY WIDTH	50' STUB	
TAXIWAY LIGHTING	NONE	
SERVICE LEVEL	GENERAL AVIATION	
AIRPORT CLASSIFICATION	GENERAL UTILITY	

LEGEND

EXISTING	ULTIMATE	
		AIRPORT PROPERTY LINE
		MISCELLANEOUS PROPERTY LINES
		RUNWAY OBJECT FREE AREA
		AIRPORT PAVED AREAS
		AVIGATION EASEMENTS
930		CONTOUR (U.S.G.S. M.S.L. DATUM)
ARP		AIRPORT REFERENCE POINT
		AIRPORT ROTATING BEACON
		WIND CONES
		AIRPORT SEGMENTED CIRCLE
		OBSTRUCTION LIGHTS AND HAZARD BEACONS
		TELEPHONE OR ELECTRICAL LINES (AERIAL UTILITIES)
		DRAINAGE
		TREE LINE
		PROPERTY ACQUISITION
		AVAILABLE AREAS FOR AIRPORT COMPATIBLE USE

NOTES:

1. 7:1 AVIGATION EASEMENTS REFLECT PLAN REFERENCE NO. 1 AND ARE NOT VALIDATED BY LAND RECORDS.
2. WINDROSE INFORMATION REFLECTS PLAN REFERENCE NO. 1.

REFERENCE:

1. OCTOBER 1979 AIRPORT LAYOUT PLANS OF THE NEWPORT STATE AIRPORT, COVENTRY, VERMONT BY HOYLE, TANNER & ASSOCIATES, INC.

NEWPORT STATE AIRPORT
COVENTRY, VERMONT

EXISTING AIRPORT LAYOUT PLAN

DuBois & King inc.
engineering planning management development

NO.	DATE	REVISIONS	BY	CK'D

DRAWN BY: JJP	DATE: MAR. 1999
CHECKED BY: RDK	PROJ. NO.: N15500H2
PROJ. ENG.: KLR	DRAW. NO.: 2
SHEET 2 OF 8	

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