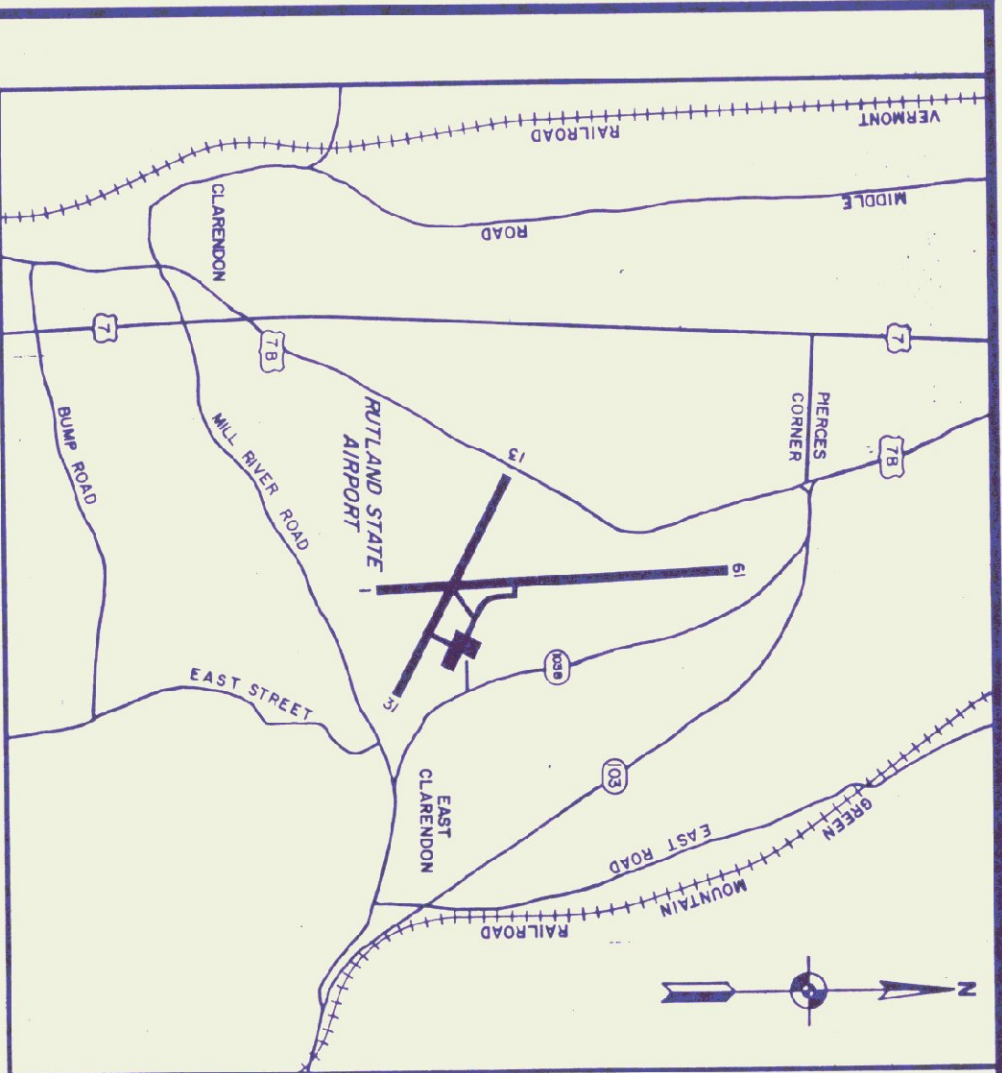


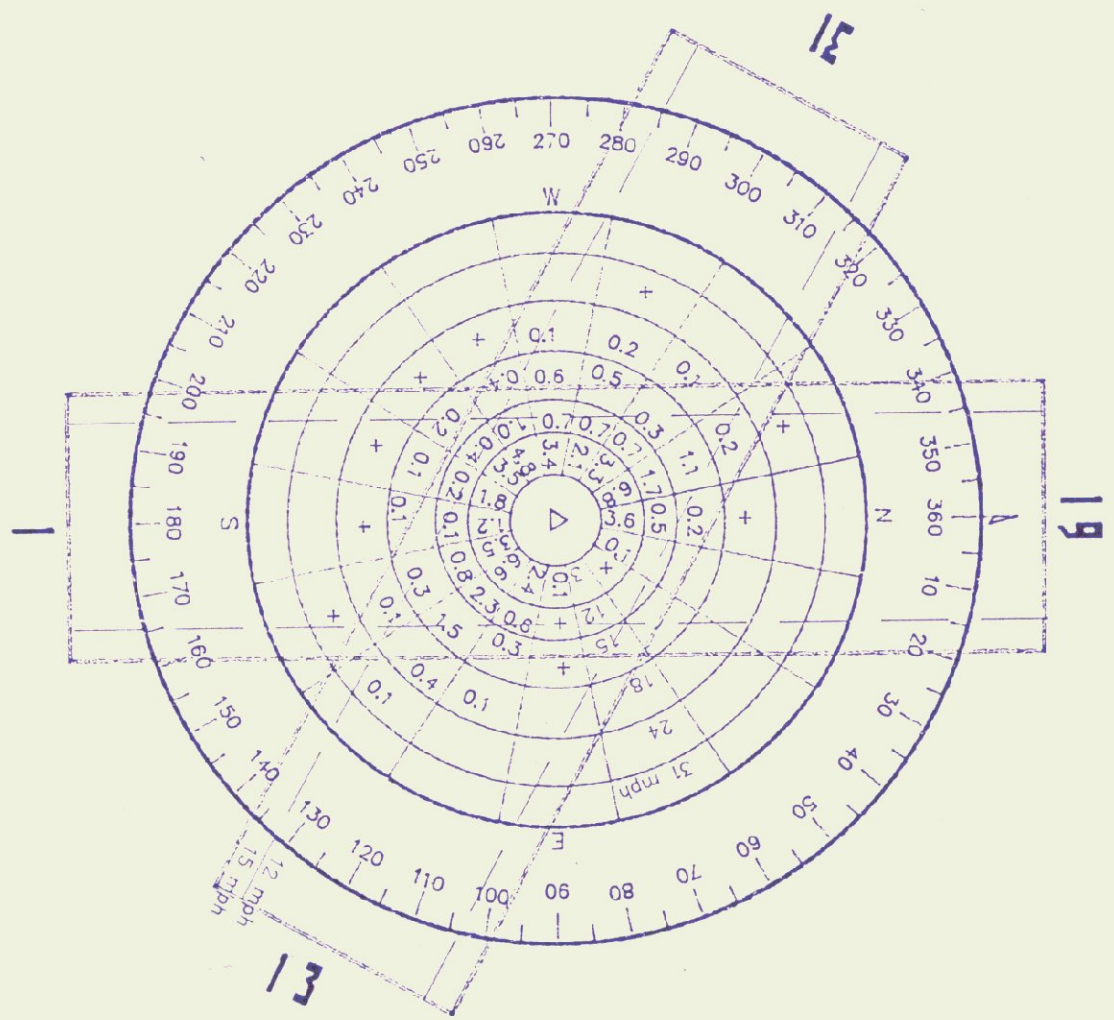


STATE OF VERMONT
AGENCY OF TRANSPORTATION

MASTER PLAN
UPDATE

RUTLAND STATE AIRPORT

FAA PROJECT NO. AIP 3-50-0015-05
VAOT PROJECT NO. AIR 03-2047



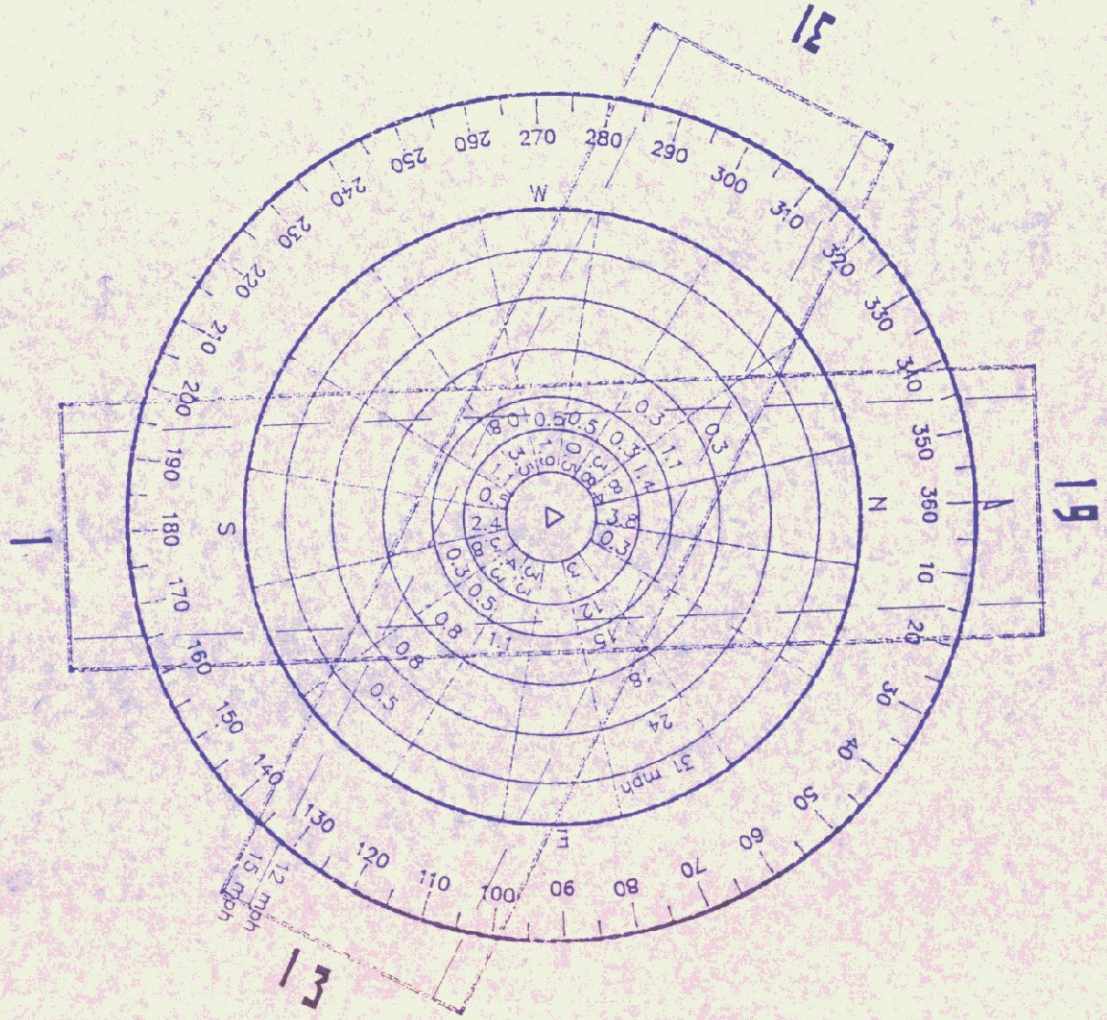
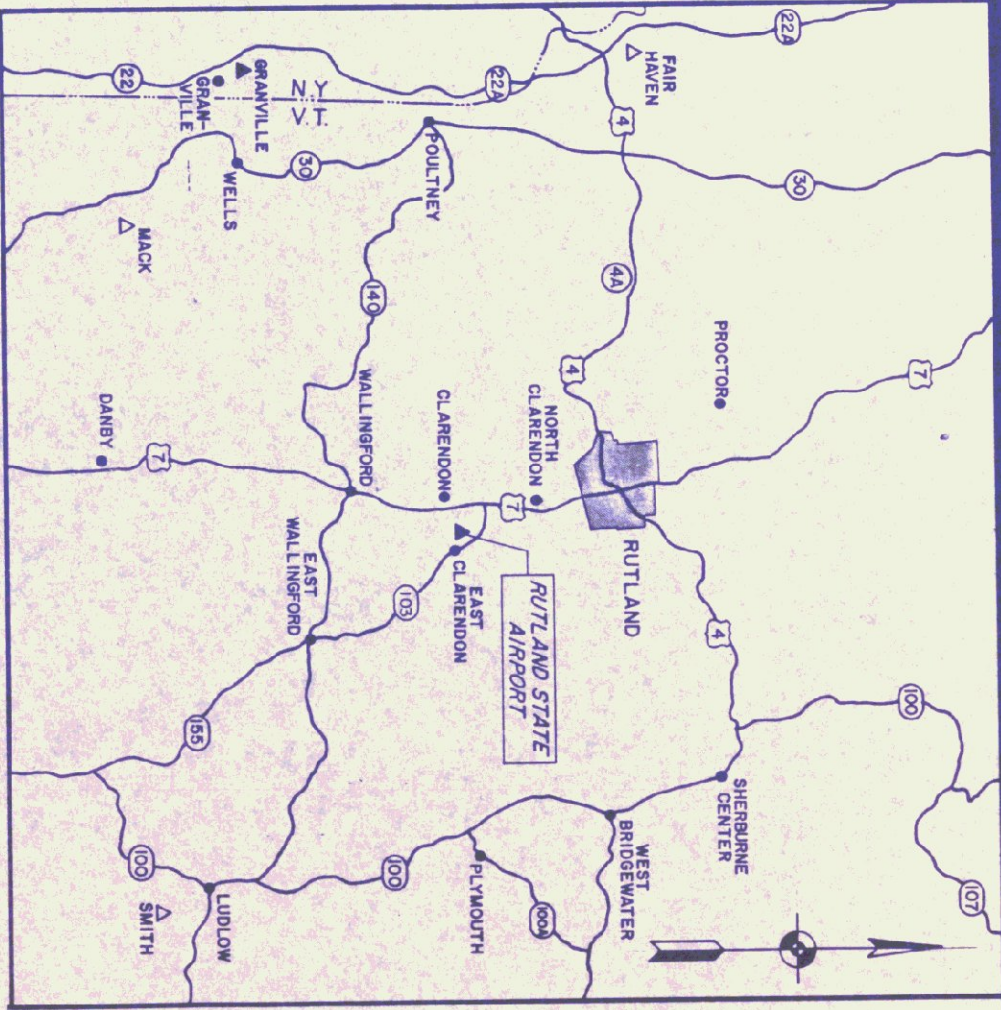
LOCATION: Rutland State Airport
Clarendon, Vermont
SOURCE: NOAA Environmental Data Service
National Climatic Center
Aspen, North Carolina
PERIOD: January 1, 1971 - December 31, 1975
ANNUAL OCCURRENCE: 100%
TOTAL OBSERVATIONS: 8720
+ = Less than 0.1%

INDEX TO DRAWINGS

- 1. EXISTING AIRPORT LAYOUT PLAN
- 2. AIRPORT LAYOUT PLAN
- 3. TERMINAL AREA PLAN
- 4. AIRPORT IMAGINARY SURFACES PLAN
- 5. PLAN AND PROFILE RUNWAY 1-19
- 6. PLAN AND PROFILE RUNWAY 13-31
- 7. LAND USE PLAN

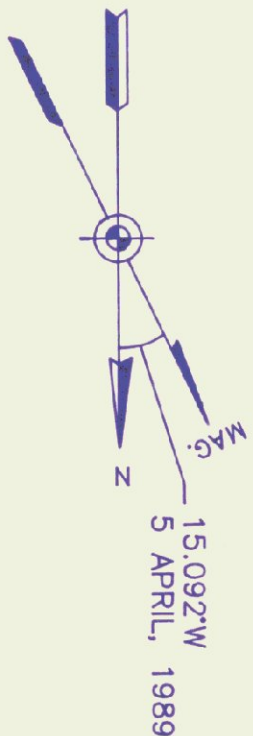
MAY, 1989

HOYLE, TANNER & ASSOCIATES, INC.
ENGINEERS, ARCHITECTS, PLANNERS & SURVEYORS
BEDFORD, NEW HAMPSHIRE



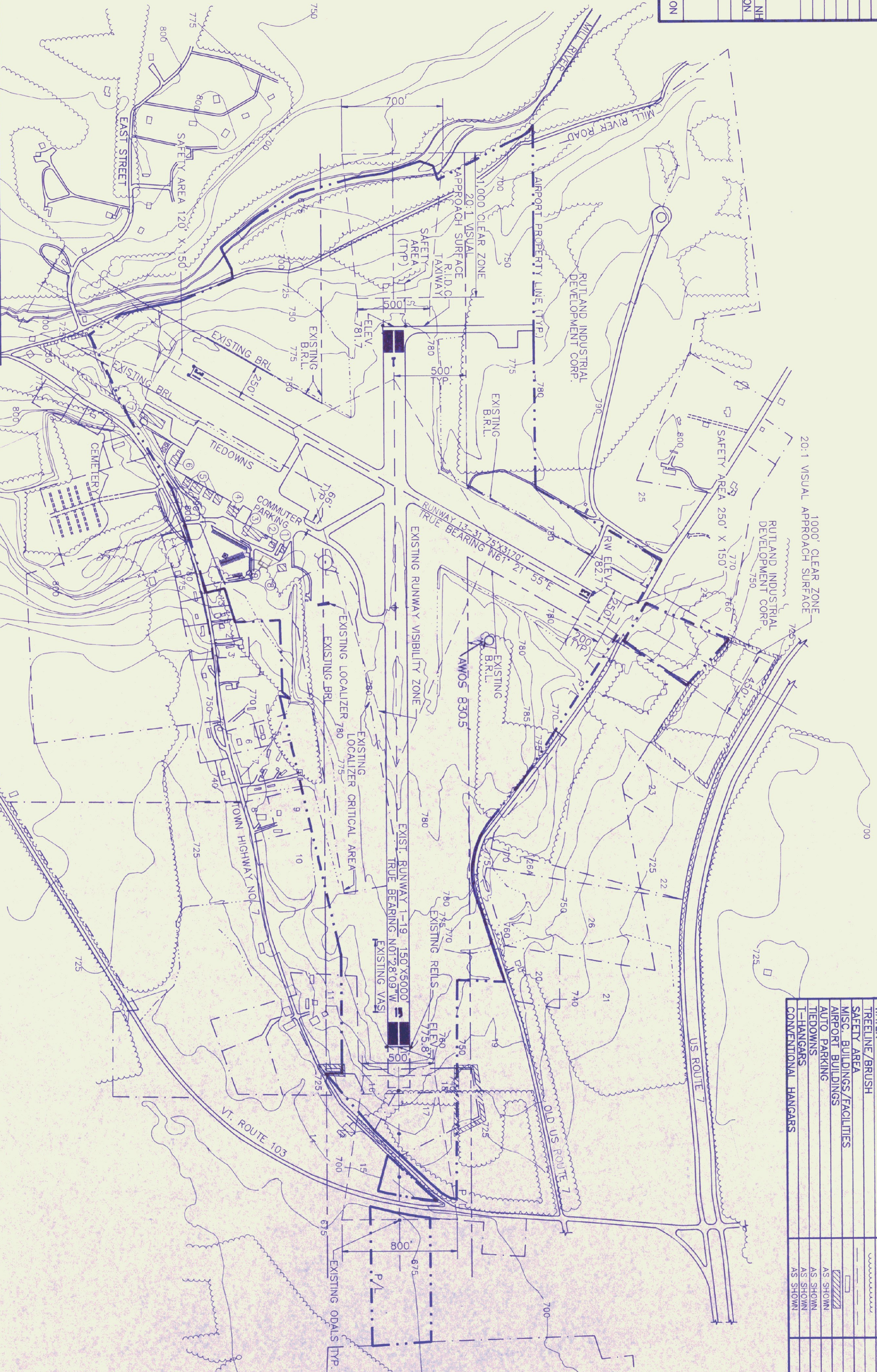
LOCATION: Rutland State Airport
Clarendon, Vermont
SOURCE: NOAA Environmental Data Service
National Climatic Center
Aspen, North Carolina
PERIOD: January 1, 1971 - December 31, 1975
ANNUAL OCCURRENCE: 4.5%
TOTAL IFR OBSERVATIONS: 369

ABUTTER		
MAP/LOT	ABUTTER	ADDRESS
1	RITA START	AIRPORT RD.
2	ROBERT & BARBARA MINARD	244A AIRPORT RD.
3	JAMES DELORM	243A AIRPORT RD.
4	CHARLOTTE BADGER	242 AIRPORT RD.
5	DEAN DANIEL PARKER	C/O MINERA BAKER
6	GILBERT & BONNIE BAKER	240A AIRPORT RD.
7	CALVIN & DONALDEEN RABTOY	BOX 238 AIRPORT RD.
8	MARJORIE SOUTHDARD	236 AIRPORT RD.
9	RONALD G. BEARDSLEY	235A AIRPORT RD.
10	WILLIAM & DORIS WEEKS	AIRPORT RD.
11	THOMAS & MARY WEEKS	AIRPORT RD.
12	STEVEN & DENISE SEYFIED	MONTPELIER, VT
13	JACQ COGNAT	61 PIERPOINT
14	THOMAS PIERCE ESTATE	C/O MARY P. KING
15	GILBERT A. PIERCE	
16	STATE OF VERMONT	133 STATE ST. MONTPELIER, VT
17		
18	JOHN & LINDA BALDWIN	BOX 306, SPAFFORD NH
19	ROBERT B. & CAROL A. PITTS	OLD RT. 7 CLARENDON
20	THOMAS PIERCE ESTATE	C/O MARY P. KING
21	UNKNOWN	
22		
23		
24	RUTLAND INDUSTRIAL DEVELOPMENT CORPORATION	5 COURT ST.
25		
26	TOWN OF CLARENDON	P.O. 30 N. CLARENDON
26A		

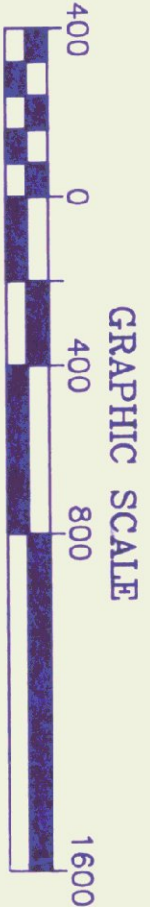


EXISTING BUILDINGS	
BLDG	USE
1	G.F.R.
2	FUELING DEPOT
3	F.B.O. & MAINT. HANGAR
4	TERMINAL BLDG.
5	HANGAR
6	HANGAR
7	HANGAR
8	HANGAR

LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	---	---
MISCELLANEOUS PROPERTY LINE	---	---
CONTOURS (USGS-MSL) DATUM	200' ---	---
AIRPORT REFERENCE POINT (A.R.P.)	⊕	---
AIRPORT ROTATING BEACON	⊕	---
BUILDING RESTRICTION LINE (B.R.L.)	---	---
EASEMENT	---	---
PROPERTY ACQUISITION	---	---
RUNWAYS/TAXIWAYS/APRON	---	---
WATER	---	---
TREELINE/BRUSH	---	---
SAFETY AREA	---	---
MISC. BUILDINGS/FACILITIES	---	---
AIRPORT BUILDINGS	---	---
AUTO PARKING	---	---
TIEDOWNS	---	---
1-HANGARS	---	---
CONVENTIONAL HANGARS	---	---



RUNWAY DATA				
ITEM	RUNWAY 1/19		RUNWAY 13/31	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
PHYSICAL LENGTH	5,000'		3,170'	
WIDTH	150'		75'	
SAFETY AREA WIDTH	150'		120'	
TAXIWAY WIDTH	40'		40'	
SURFACE COMPOSITION	BIT. ASPHALT		BIT. ASPHALT	
PAVEMENT STRENGTH (X1,000s)	60,000 LBS. DIV		13,000 SW	
RUNWAY LIGHTING	WIRS		NONE	
RUNWAY MARKING	NON PRECISION		VISUAL	
EFFECTIVE GRADIENT	0.12%		0%	
A/W WIND COVERAGE 12MPH	61.3%/71.5%		61.6%/4.8%	
NAVAIDS	NONE/ND/LOC/FAN MARKER		NONE/NONE	
CRIT. ACFT. APPR. SPEED	6-III (C)		B-58(f)	
CRIT. ACFT. WINGSPAN	6-III (C)		B-58(f)	
VISUAL AIDS	RELS/REIS, ODALS, VASI		RELS, FAPI/NONE	
RW END COORDINATES	LONG. W.			
	43.3126.84°, 43.3215.71°		43.3144.56°, 43.3129.62°	
	72.56159.68°, 72.5701.43°		72.5718.37°, 72.5640.87°	



AIRPORT DATA		
ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION (USGS-MSL)	787'	
OPERATIONAL ROSE	COMMERCIAL SERVICE	
AIRPORT CATEGORY	787'	
MEAN MAX. TEMP. HOTTEST MONTH	80°F	
COMBINED WIND COVERAGE (A/W)(12MPH)	990	
WIND DIRECTION GROUP	15.092W	
AIRCRAFT DESIGN GROUP	II	
AIRCRAFT APPROACH SPEED	C	
AIRPORT REFERENCE POINT	43.31/45.63' N	
	72.57/100.37' W	

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

AIRPORT MASTER PLAN UPDATE

EXISTING AIRPORT LAYOUT PLAN

Hoyle, Tanner & Associates, Inc.

Five Commerce Park North, Bedford, New Hampshire 03102

engineers
architects
planners
surveyors

PROJECT NO.
41102

EALP

DO NOT SCALE DRAWING

SCALE: 1"=400'

DATE: MAY, 1989

DES. BY
R.J.D.

DR. BY
HWW

CHKD. BY
R.J.D.

ENGINEER/ARCHITECT

DR. BY

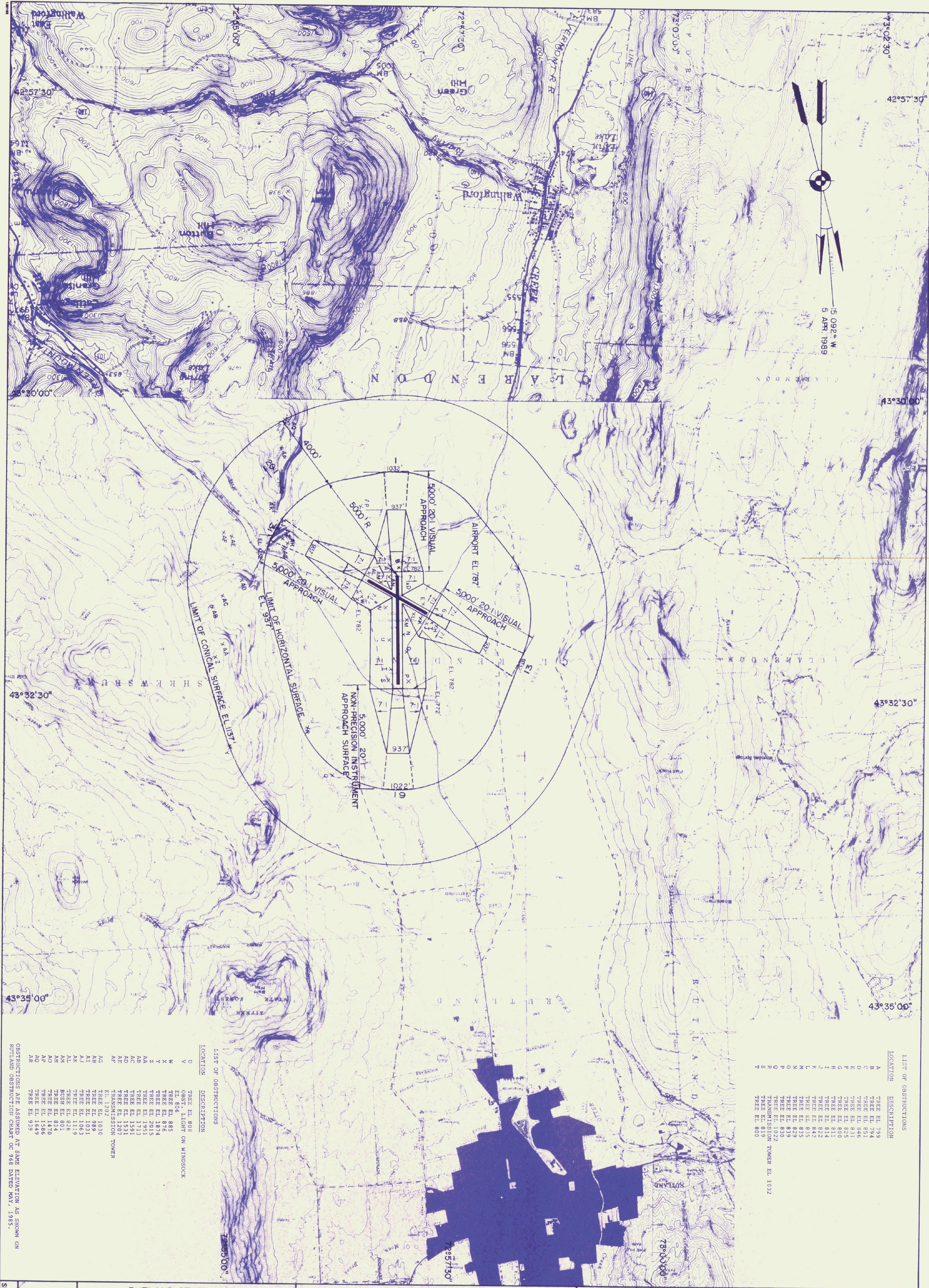
CHKD. BY

APPD. BY

DATE

DRAWING NO.
1

SHEET 1 OF 7



LIST OF OBSTRUCTIONS

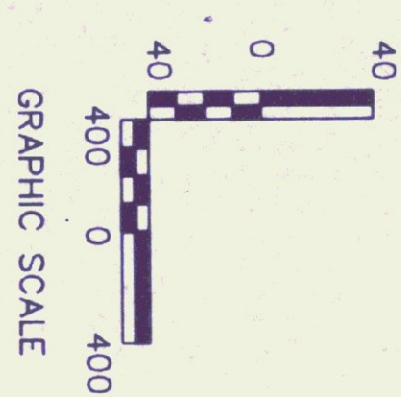
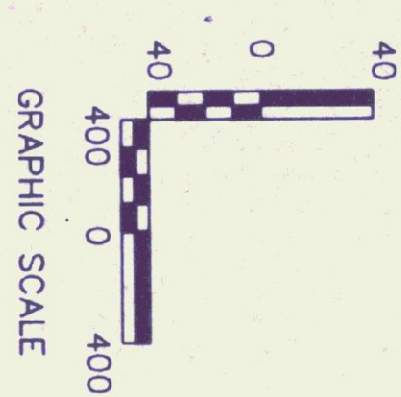
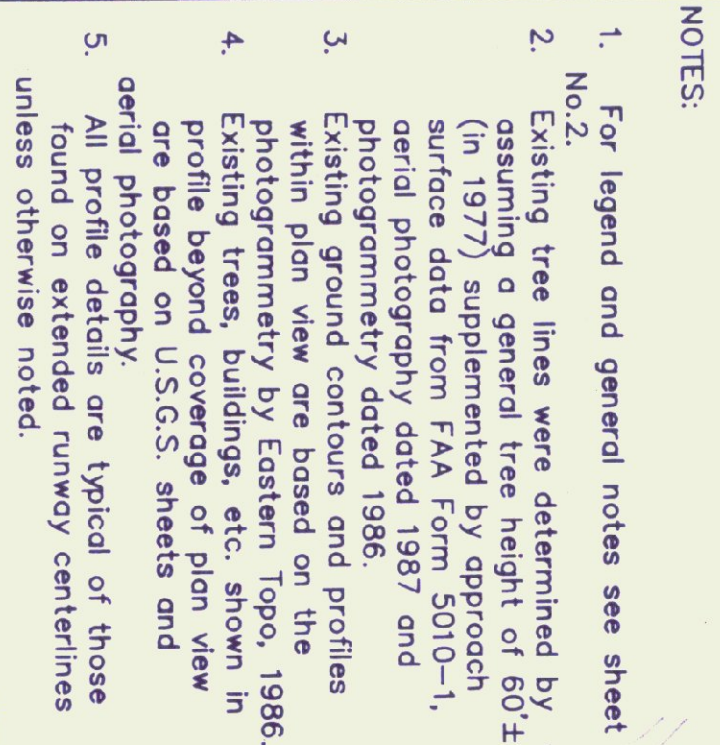
LOCATION	DESCRIPTION
A	TREE EL. 799
B	TREE EL. 794
C	TREE EL. 851
D	TREE EL. 846
E	TREE EL. 831
F	TREE EL. 803
G	TREE EL. 811
H	TREE EL. 814
I	TREE EL. 822
J	TREE EL. 842
K	TREE EL. 835
L	TREE EL. 829
M	TREE EL. 839
N	TREE EL. 830
O	TREE EL. 1022
P	TRANSMISSION TOWER EL. 1032
Q	TREE EL. 810
R	TREE EL. 800

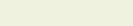
LIST OF OBSTRUCTIONS

LOCATION	DESCRIPTION
U	TREE EL. 808
V	OBST. LIGHT ON WINDSOCK EL. 806
W	TREE EL. 885
X	TREE EL. 876
Y	TREE EL. 1874
Z	TREE EL. 2015
AA	TREE EL. 1951
AB	TREE EL. 1713
AC	TREE EL. 1531
AD	TREE EL. 1531
AE	TREE EL. 1207
AF	TRANSMISSION TOWER EL. 1202
AG	TREE EL. 1030
AH	TREE EL. 1031
AI	TREE EL. 1063
AJ	TREE EL. 1119
AK	TREE EL. 826
AL	TREE EL. 826
AM	TREE EL. 826
AN	TREE EL. 826
AO	TREE EL. 1470
AP	TREE EL. 1586
AQ	TREE EL. 1649
AR	TREE EL. 939

OBSTRUCTIONS ARE ASSUMED AT SAME ELEVATION AS SHOWN ON
RUTLAND OBSTRUCTION CHART OC 968 DATED MAY, 1955.

DRAWING NO. 4	RUTLAND STATE AIRPORT CLARENDON, VERMONT AIRPORT MASTER PLAN UPDATE IMAGINARY SURFACES PLAN	Hoyle, Tanner & Associates, Inc. Five Commerce Park North · Bedford, NH 03102 · (603) 669-5555 HTA Companies engineers architects planners surveyors	PROJECT NO. 41102	REV	DESCRIPTION	DR BY	CHKD BY	APPD BY	DATE	ENGINEER/ARCHITECT
SHEET 4 OF 7	SCALE 1" = 2000'	DATE MAY, 1989	DES BY RJD	DR BY KJC	CHKD BY RJD	DO NOT SCALE DRAWING				

[illegible]

Hoyle, Tanner & Associates, Inc. Five Commerce Park North, Bedford, New Hampshire 03102				 engineers architects planners surveyors		PROJECT NO. 41102
SCALE: AS SHOWN				DATE: MAY, 1989		PLPR1-19.dwg FILE NAME
DES. BY R.J.D		DR. BY HW/PA		CHKD. BY R.J.D		
						DO NOT SCALE DRAWING

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

PLAN AND PROFILE

RUNWAY 1-19

DRAWING NO.
5

A diagram of a magnetic compass. It features a central circular pivot with a crosshair. A needle is attached to the pivot, pointing towards the top of the diagram, which is labeled 'N' for North. A magnet, labeled 'MAG.', is also attached to the pivot, pointing towards the bottom-right of the diagram. The needle and magnet are shown as elongated, tapered shapes.

- [illegible]

