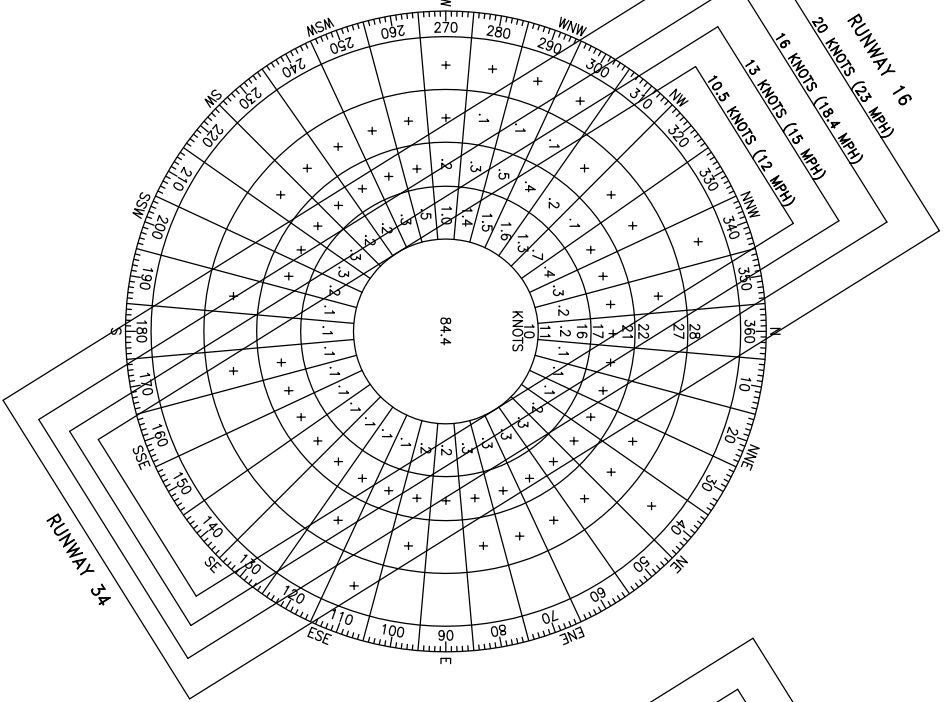
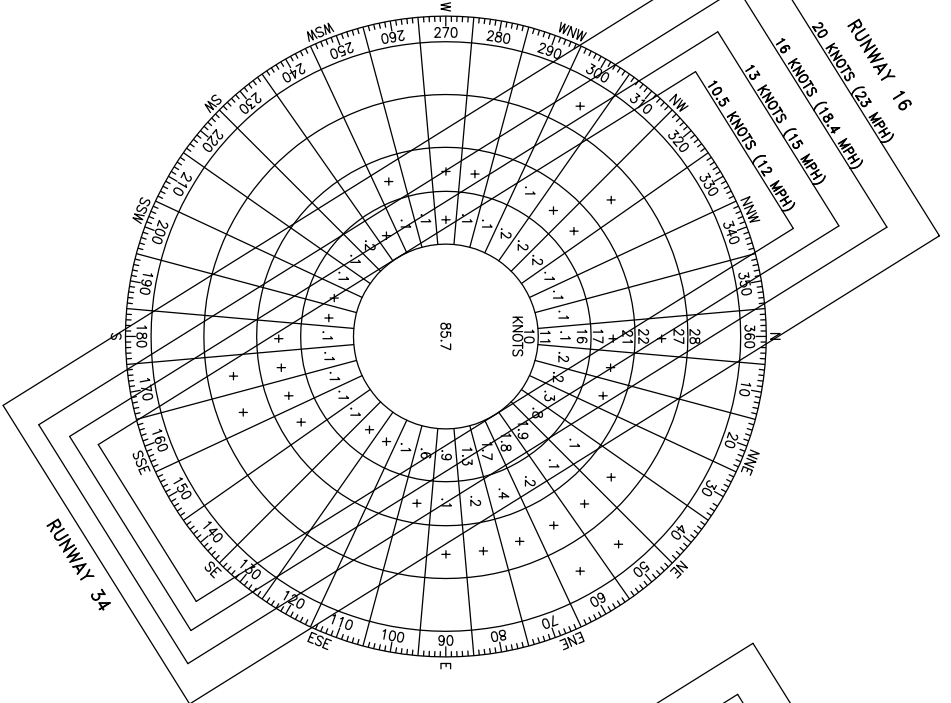


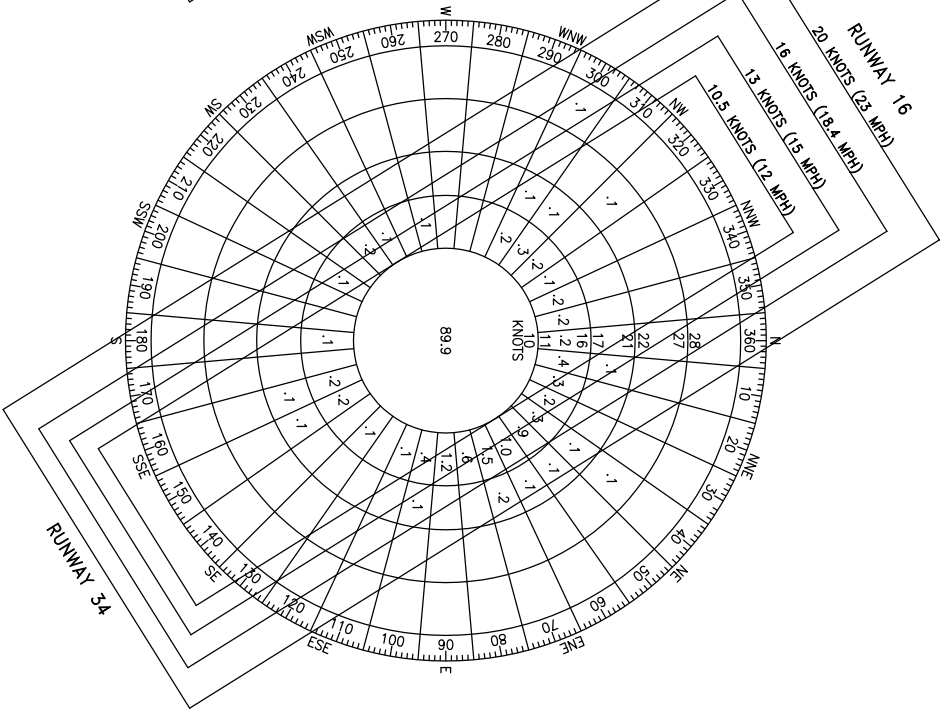
ALL WEATHER WINDROSE



VFR WINDROSE



IFR-1 WINDROSE



IFR-2 WINDROSE

**CARROLL COUNTY REGIONAL AIRPORT
WEATHER DATA ANALYSIS
RUNWAY 16-34 WIND COVERAGES**

CROSSWIND KNOTS (MPH)	WIND COVERAGE (%)		
	ALL WEATHER	VFR	IFR-2
10.5 (12)	93.32	93.64	89.22
13 (15)	96.68	96.94	93.52
16 (18.4)	99.26	99.34	98.38

NUMBER OF OBSERVATIONS: 79,165 (ALL WEATHER)

WIND DATA PERIOD: 1995-2004

DATA SOURCE: NATIONAL CLIMATIC DATA CENTER, STATIONED AT BALTIMORE, MARYLAND

WEATHER SPLIT DEFINITIONS

- ALL WEATHER RUNWAY COVERAGES DURING ALL WEATHER CONDITIONS.
- VFR RUNWAY COVERAGES WHEN THE CEILING IS EQUAL TO OR GREATER THAN 1,000 FEET AND HORIZONTAL VISIBILITY IS EQUAL TO OR GREATER THAN 3 MILES.
- IFR-1 RUNWAY COVERAGES WHEN THE CEILING HEIGHT IS GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1,000 FEET, AND/OR HORIZONTAL VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILE BUT LESS THAN 3 MILES.
- IFR-2 RUNWAY COVERAGES WHEN THE CEILING HEIGHT IS GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 400 FEET, AND/OR HORIZONTAL VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILE BUT LESS THAN 1 MILE.



MASTER PLAN UPDATE
FOR
**CARROLL COUNTY
REGIONAL AIRPORT**
JACK B. POAGE FIELD
CARROLL COUNTY, MARYLAND

**ALL WEATHER, VFR AND IFR
WIND ROSES**

EXHIBIT
1.7-1