

**DOCKET NO.: SA-519  
EXHIBIT NO. 2F**

**NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D.C.**

**OPERATIONAL FACTORS GROUP CHAIRMAN'S FACTUAL REPORT  
ATTACHMENT 5: AA WIND COMPONENT CHART**

**American Airlines flight 1420  
Little Rock, Arkansas  
June 1, 1999**

**DCA99MA060**

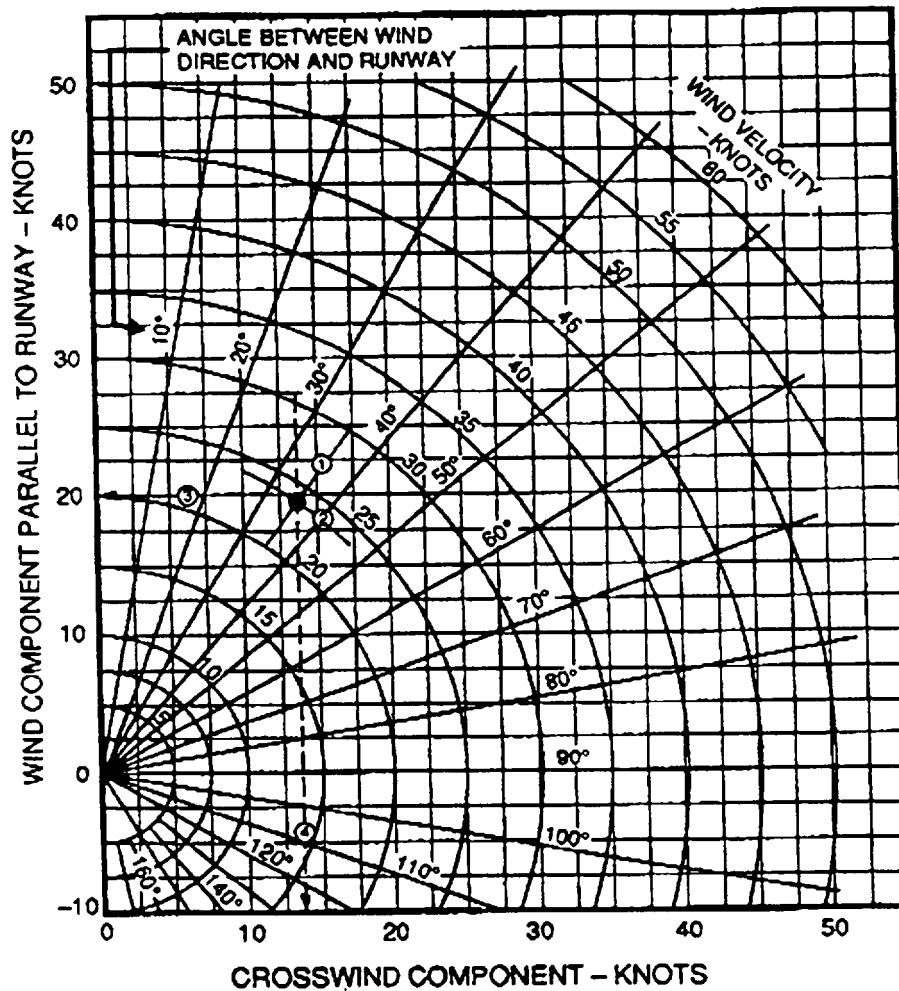
# **Attachment 5**

**to Operational Factors Group Chairman's Factual Report**

**DCA99MA060**

**AA Wind Component Chart**

### Wind Component Chart



After the wind angle is obtained, enter the chart at the intersection of the wind velocity line and the wind angle line and read the headwind or tailwind component at the left side of the chart and the crosswind component at the bottom of the chart.

#### Example

Conditions: Wind - 215° at 24 knots  
Runway - 18

- ① Wind angle using Runway 18 is 35° (215° - 180°)
- ② Wind speed is 24 knots
- ③ Headwind component 20 knots
- ④ Crosswind component 14 knots

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