

## RADAR WEATHER ECHO INTENSITY LEVELS

Existing radar systems cannot detect turbulence. However, there is a direct correlation between the degree of turbulence and other weather features associated with thunderstorms and the radar weather echo intensity. The National Weather Service has categorized radar weather echo intensity for precipitation into six levels. These levels are sometimes expressed during communications as "LEVEL" 1 through 6 (derived from the component of the radar that produces the information video integrator and processor). The following list gives the VIP LEVELS in relation to the precipitation intensity within a thunderstorm:

- a. Level 1. Weak
- b. Level 2. Moderate
- c. Level 3. Strong
- d. Level 4. Very Strong
- e. Level 5. Intense
- f. Level 6. Extreme