

# 1979 PIPER TURBO ARROW IV

## SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Powerplant            | Teledyne Continental TSIO-360-FB, 200 hp |
| Length                | 27 ft 4 in                               |
| Height                | 8 ft 3 in                                |
| Wingspan              | 35 ft 5 in                               |
| Wing area             | 170 sq ft                                |
| Wing loading          | 17 lb/sq ft                              |
| Power loading         | 14.5 lb/hp                               |
| Seats                 | 4  |
| Empty weight, typical | 1,900 lb                                 |
| Max takeoff weight    | 2,900 lb                                 |
| Fuel capacity, std    | 77 gal (72 gal usable)                   |
| Oil capacity          | 8 qt                                     |

## PERFORMANCE

|   |          |
|---|----------|
| Takeoff distance, ground roll                 | 1,800 ft |
| Takeoff distance over 50-ft obstacle          | 2,450 ft |
| Max demonstrated crosswind component          | 17 kt    |
| Rate of climb, sea level                      | 940 fpm  |
| Max level speed, sea level                    | 153 kt   |
| Cruise speed, 75-percent power, 19,000 ft     | 168 kt   |
| Fuel consumption, 75-percent power, 19,000 ft | 12 gph   |
| Landing distance over 50-ft obstacle          | 1,560 ft |
| Landing distance, ground roll                 | 650 ft   |

## LIMITING AND RECOMMENDED AIRSPEEDS

|                               |          |
|-------------------------------|----------|
| VA (design maneuvering)       | 124 KIAS |
| VNO (max structural cruising) | 152 KIAS |
| VFE (max flap extended)       | 108 KIAS |
| VLO (max gear extension)      | 133 KIAS |
| VLE (max gear extended)       | 133 KIAS |
| VS1 (stall, clean)            | 66 KIAS  |
| VSO (stall, flaps)            | 61 KIAS  |

*All specifications are based on manufacturer's calculations. All performance figures are based on standard day, standard atmosphere, sea level, gross weight conditions unless otherwise noted.*