



**RYAN ST-3**  
**ARMY PT-21, PT-22**

MANUFACTURED BY  
 RYAN AERONAUTICAL CO.  
 SAN DIEGO, CAL.  
 1941 - 1942

**SPECIFICATIONS**

SPAN - 30' 1" (NAVY DESIGNATION - NR-1)  
 LENGTH - 22' 5"  
 HEIGHT - 6' 10"  
 WING AREA - 134.25 SQ. FT.  
 EMPTY WEIGHT - 1313 LBS.  
 USEFUL LOAD - 547 LBS.  
 GROSS WEIGHT - 1860 LBS.  
 WING LOADING - 13.8 LBS./SQ. FT.  
 POWER LOADING - 11.6 LBS./H.P.

**PERFORMANCE**

MAX. SPEED - 131 M.P.H.  
 CRUISING SPEED - 123 M.P.H.  
 LANDING SPEED - 54 M.P.H.  
 RATE OF CLIMB - 1000 FT./MIN.  
 SERVICE CEILING - 15,500 FT.  
 RANGE - 352 MILES  
 ABSOLUTE CEILING - 17,500 FT.

**NOTE - ALL FIGURES GIVEN ARE FOR  
 160 H.P. KINNER PT-22**

