



***Airworthiness Directive:*** 119

***Date:*** December 12, 2000

***Subject:***

1. Limit Load Factors
2. Never Exceed Speed
3. Spin Approval
4. Taildragger Configuration

***Compliance:*** Mandatory

***Models Effected:*** S-16 Shekari

1. LIMIT LOAD FACTORS  
The limit load factor of all S-16 Aircraft is positive 4 and negative 2. This limit load factor relates to a gross weight of the Aircraft of 1,450 lbs. and requires completion of AD #118, Wing Spar Modification/Wing Lugs.
2. NEVER EXCEED SPEED  
The  $V_{ne}$  (Never Exceed Speed) for all S-16 Aircraft is 185 mph IAS until further testing is completed. Be advised errors may exist in IAS.
3. SPIN APPROVAL  
The S-16 is not approved for spins. Spin entries up to one full turn at forward CG have been performed with no problem for recovery. However until further tests, please avoid spins.
4. TAILDRAGGER CONFIGURATION  
The first S-16 Aircraft were shipped with gear leg attach points for the nose gear and taildragger set up. It is not recommended to fly the S-16 as a taildragger. Excessive or panic breaking can result in a prop strike or nose over.

Thank you for your attention to this matter. Hopefully we have not inconvenienced you to any great degree. Fly safe!