



# AMK Global Aeronautics Sales & Leasing Inc.

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**STC – DATA** v3.1a  
**Type of Aircraft:** Dornier Do228 Series  
**EASA STC #:** A.S.02755  
**FAA STC #:** SA03052NY  
**A/C FAA TCDS #:** A16EU  
**Prop FAA TCDS #:** P27BO  
**Applicable Aircraft:** Do228-100, -200 Series  
**Engines:** Honeywell TPE331-5( )-252D or  
 TPE331-10( )-511D



Dornier Do228 with 5-blade MTV-27

## STC Kit Contents

Two 5-Blade Reversing And Full Feathering Constant Speed Propeller MTV-27-1-E-C-F-R(G)/CFRL250-55b  
 Two Full Composite Spinner (AFRP) P-898-1  
 One AFM Supplement Doc. No. E-1435 (EASA)  
 One Installation Instruction Doc. No. E-1436 (EASA)  
 One Instruction For Continued Airworthiness Doc. No. E-1437 (EASA)  
 One Operation and Installation Manual ATA 61-06-10 (E-610)

## Propeller Specification

Full Propeller Designation MTV-27-1-E-C-F-R(G)/CFRL250-55b  
 Propeller Hub - Milled single-piece aluminum hub MTV-27-1-E-C-F-R(G)  
 Blade (ccw rotation) CFRL250-55b  
 Blade Design Scimitar, light-weight natural composite  
 Installed Propellers & Spinner Total Weight 308.7 lbs  
 Maximum Diameter 98.4 in.  
 Minimum Diameter 98.4 in.  
 TBO According to SB 1 ( ) latest issue

**Options** HiGlo® Full Composite Spinner (AFRP) with chrome finish

**Replaces** 4-Blade Hartzell HC-B4TN-5ML/LT10574( ) propellers

## Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off distance over 35 ft obstacle unchanged (SL, ISA, MTOW)
- Climb performance unchanged (ISA, MTOW)
- Cruise performance enhanced by 2 to 3 kts
- Approx. 80 lbs less total weight than the original propellers
- Unlimited blade life, no current ADs
- FOD repairable blades
- Significant inside (by 3 to 4 dB(A) ) and outside noise reductions, jet aircraft feeling
- Meets enhanced German noise restrictions
- Quicker engine start, reduced ITT / EGT during engine start