

Titan 540 with
Sky Dynamics swinging pickup oil pan,
Airflow performance Fuel Injection system,
Slick non impulse coupling mags
540 Roller Lifter cam
9.0:1 Compression
NiC3 plated barrel -tapered fins, venturi Intake seat
Air Flow Performance FM 300R. kit (540 Racing System, Fwd. Cold Air Induction)
B&C Lightweight Starter

Installation included:

Frame inspection in area of engine mounts to approximately 1 ft aft,
Supports for oil filter and inverted valve welded in, and spot paint areas.
Fabricated new Titanium firewall with Modern passthrough fittings (TTP-A)
Special Heavy Duty Dynafocal Mount Sets - Designed for use on aerobatic aircraft such as Christen Eagle and Acro. Same style as homebuilt type but inner core has been "beefed up" and elastomers added to encapsulate the spacer. 2-inch diameter. Set of 8 Mountings.
New Oil lines, Teflon inner Steel braided with aluminum fittings
New fuel lines Teflon inner Steel braided with Steel fittings
New 6 into 1 Exhaust system fabricated (experimental exhaust)
New engine control cables
Fabricated new control cable ends at Engine mixture & throttle, and throttle to cockpit
All flying wires removed, 8 of front and 8 of rear (tail) threads cleaned and lock nuts replaced, Lubed and re-rigged
Installed New Slick-start (now called sure-start), installed behind instrument panel (for non impulse coupling mags)
Installed upgraded brake Discs and calipers (twin piston) 31-A2 with low time serviceable parts; installed New pads. 066--111 4 of
Installed new brake master reservoirs with new see through design

Equipment:

New custom Panel
Radio: Garmin GTR 200
Transponder: Garmin GTX330 with mode S
Engine monitor: G4-Insight
28 gallon main fuel plus 5 gallon header (acro) tank
25 gallon ferry tank (originally main) 58 total gallons
B&C gear driven 8 amp alternator
Steen Aero wooden leading edges on all wings
Carbon fiber Delmar Benjamin cowling
Single hole racing style Canopy
RV8 Fiberglass wheel pants
custom aluminum foot/rudder plates
Hooker 5 pt harness

Propeller:

MTV - 9
New 01/03 recent overhaul