

PIPER PA-30 TWIN COMANCHE

N7387Y | Serial No. 30-442 | 1964 | Airworthiness Directive Applicability Summary

Registration	Model	Serial	Year
N7387Y	Piper PA-30	30-442	1964
Engines	Configuration	Known avionics	Report date
Lycoming IO-320 series	Counter-rotating conversion	GFC 500; dual GI 275	August 21, 2026

Important configuration note. Public registration data identifies N7387Y as PA-30 serial 30-442. The airplane is reported with counter-rotating propellers, a Garmin GFC 500 autopilot and dual GI 275s. Exact left/right engine models, propeller models and component serial numbers must be verified from the logs/Form 337 before engine- or propeller-specific AD compliance is signed off. **Clickable AD numbers in this report open the directive document.**

Airframe ADs - applicable or strongly indicated for S/N 30-442

AD	Subject	Status for N7387Y	Action / interval
64-28-03	Airspeed restriction / torque tube	Historical / one-time	Verify SB 222A compliance
65-11-04	Stabilator control / pitch servo	Historical / one-time	Verify SB 224 compliance
66-18-04	Baggage door latch	Historical / one-time	Verify SL 478 compliance
66-28-06	Airspeed limitation / stabilator system	Historical / one-time	Verify SB 229A compliance
69-24-04	AFM and placards	Applicable	One-time unless configuration altered
70-15-17	Airspeed limitation placard	Applicable	Verify placard/records
70-22-02	Fuel selector valve modification	Applicable	Verify SB 314A compliance
72-22-05	Operating limitation placard	Applicable	Verify SL 687 compliance
74-13-03	Stabilator attachment bolts	Applicable - recurring unless terminated	3 years / 500 hr unless corrosion-resistant bolts installed
74-16-08	Fuselage aft bulkhead	Applicable - recurring	100 hr inspection
75-27-08	Stabilator torque tube bearing block/fittings	Applicable / historical	Verify SB 464 series compliance
76-18-05	Forward fin attachment channel / fin front spar	Applicable / historical	Verify inspection/modification
77-08-01	Aileron spar cracks	Applicable - recurring unless modified	100 hr after threshold until Piper kit 760 914
77-13-21	Landing gear extension system	Applicable - recurring	1,000 hr gear inspection; bungee inspections/replacement intervals

Serial-number correction: [64-09-05](#) applies only to PA-30 S/N 30-1 through 30-321, and [64-16-06](#) applies only to S/N 30-41, 30-82, 30-83, 30-104 and 30-123. Therefore neither applies to N7387Y, S/N 30-442.

Airframe ADs - continued

AD	Subject	Status for N7387Y	Action / interval
78-12-07	Fuel selector valve replacement	Applicable / configuration	Verify installed valve
79-12-08	Fuel valve internal leak check	Applicable - recurring	50 hr
79-20-10	Aileron nose rib	Applicable - recurring unless modified	100 hr unless Piper kit 763893
83-10-01	Fuel system / selector valve housing	Applicable	Fuel system inspection/modification
83-19-03	Lower spar cap	Applicable / historical	Verify SB 751 compliance
85-02-05 R1	Parking brake warning placard	Applicable	One-time placard
91-21-09	Air induction system	Applicable / configuration	Verify SB 861 / installed kit
94-13-10	Stabilator torque tube support fittings	Applicable - recurring unless terminated	100 hr unless Hi-Shear rivet kit installed
97-01-01 R1	Main landing gear sidebrace studs	Applicable - recurring	1,000 hr inspection; no terminating action for PA-30
99-14-01	Severe icing - AFM revision	Applicable	AFM/limitations requirement
2015-24-05	Fuel system management placard / POH	Applicable - S/N 30-1 thru 30-2000	One-time placard + limitations text
2017-15-05	Heater exhaust extension	Applicable if affected heater installed	Supersedes 69-13-03 ; inspect heater exhaust extension

Equipment-, engine- and modification-dependent ADs

AD	Subject	Status for N7387Y	Action / interval
64-21-05	Hartzell propeller governor	Conditional	Depends on governor/relief-valve configuration
67-19-05	Oxygen cylinder mounting	Conditional	Only if affected oxygen installation remains
70-22-05	Alternator system	Likely not original applicability for S/N 30-442	Check later alternator modifications
71-12-05 / 77-09-10	Electric trim switch	Conditional	Only if affected electric trim configuration
75-05-02	Engine oil requirement	Engine/configuration dependent	Verify engine records
76-19-07	Stabilator weight assembly	Configuration dependent	Verify installed parts/kit
81-19-04	Rajay turbocharger hoses	Not applicable unless turbocharged	Listing describes normally aspirated IO-320 series
82-23-01 R1	Robertson STOL flap placard	Not applicable unless STC SA2312WE installed	Check STC list
98-02-08	Crankshaft I.D. corrosion	Engine history dependent	Verify crankshaft/engine applicability
98-21-21 R1	Electric inflatable door seal	Only if installed	Check door seal STC
99-05-09	Induction air filter	Part-number dependent	Check P/N 460-632 / SB 1022
2001-23-17	Garmin GNS 430	Likely N/A	Current listing shows GNS 480, not GNS 430
2005-01-19	Mode S transponder	Part-number dependent	Listing shows GTX 33; verify affected P/N
2006-03-08	Vacuum pumps	Part-number dependent	Check installed pump(s)
2006-12-07	ECi cylinder assemblies	Cylinder P/N/S/N dependent	Verify cylinder manufacturer and serials
2012-17-06	Flight controls	Part-number dependent	Check affected control parts

AD	Subject	Status for N7387Y	Action / interval
2017-16-11	Lycoming connecting-rod bushings	Engine S/N / maintenance dependent	Check both engines
2022-03-15	Garmin G3X / GI 275 fuel probe interface	Probably N/A as listed; verify	Applies only to specified GI 275 MFD/GEA 24 resistive-fuel-probe installations
2023-09-09	V-band couplings	Likely N/A unless affected turbo/exhaust installation	Verify modification list
2024-14-03	Garmin GFC 500 autopilot	Likely applicable - GFC 500 is listed	Requires compliant GFC 500 software/configuration
2026-04-11	Lycoming connecting-rod bushings	Potentially applicable - current engine AD	Effective Apr. 8, 2026; supersedes 2024-21-02 ; determine by engine model/S/N/history

Priority items to verify in N7387Y records

#	Item	Why it matters
1	97-01-01 R1 - Main gear sidebrace studs	Recurring 1,000-hour inspection. Confirm the actual logbook entry and tach/TT basis.
2	77-13-21 - Landing gear system / bungees	Confirm the 1,000-hour landing-gear inspection and the bungee inspection/replacement intervals.
3	74-13-03 and 94-13-10 - Stabilator structure	Confirm whether corrosion-resistant stabilator bolts and the Hi-Shear rivet terminating modification are installed. Otherwise repetitive inspections remain.
4	79-20-10 and 77-08-01 - Aileron structure	Confirm whether the applicable Piper reinforcement/modification kits have been installed; otherwise recurring inspections may continue.
5	2024-14-03 - Garmin GFC 500	N7387Y is reported with a GFC 500, so this AD deserves a direct software-version/compliance check.
6	2026-04-11 - Lycoming connecting-rod bushings	Current Lycoming bushing AD; verify exact engine models, serial numbers and overhaul/repair history.
7	Counter-rotating conversion	Obtain the Form 337/STC or Piper kit documentation. The exact left/right engine models and propeller P/Ns must come from the aircraft records.

Link source. Most clickable AD numbers point directly to PDF copies in the TwinComanches.com AD library. The current 2026-04-11 Lycoming AD links to the U.S. Government Publishing Office Federal Register PDF.

Maintenance-use caution: This is a research/applicability summary, not an FAA-approved AD compliance record. Final applicability and compliance must be determined from the current FAA AD text, aircraft/engine/propeller records, installed part numbers and serial numbers, and signed by an appropriately certificated person.