

PIPER PA-30 TWIN COMANCHE

N8031Y | Serial No. 30-1140 | 1966 | Airworthiness Directive Applicability Summary

Registration	Model	Serial	Year
N8031Y	Piper PA-30	30-1140	1966
Engines	Configuration	FAA category	Report date
Lycoming IO-320 series	Verify logs / STCs	Normal	August 26, 2026

Important configuration note. FAA-derived registration data identifies N8031Y as a 1966 Piper PA-30, serial 30-1140, with Lycoming IO-320-series engines. Public registration data does not establish current propeller models, counter-rotating conversion, turbocharging, avionics, heater, or other STC equipment. Those items must be verified from the aircraft records before component-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 30-1140

AD	Subject	Status for N8031Y	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 terminating hardware 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 installed
77-13-21	Landing gear extension system	Applicable - recurring	1,000 hr gear inspection; bungee intervals

Early serial-number exclusions. AD 64-09-05 applies only to PA-30 S/N 30-1 through 30-321, and AD 64-16-06 applies only to several specifically listed early serial numbers. Neither applies to N8031Y, S/N 30-1140.

Airframe ADs - continued

AD	Subject	Status for N8031Y	Action / interval
<u>78-12-07</u>	Fuel selector valve replacement	Applicable / configuration	Verify installed valve
<u>79-12-08</u>	Fuel valve internal leak check	Applicable - recurring	50 hr
<u>79-20-10</u>	Aileron nose rib	Applicable - recurring unless modified	100 hr unless terminating kit installed
<u>83-10-01</u>	Fuel system / selector valve housing	Applicable	Fuel system inspection / modification
<u>83-19-03</u>	Lower spar cap	Applicable / historical	Verify SB 751 compliance
<u>85-02-05 R1</u>	Parking brake warning placard	Applicable	One-time placard
<u>91-21-09</u>	Air induction system	Applicable / configuration	Verify SB 861 / installed kit
<u>94-13-10</u>	Stabilator torque tube support fittings	Applicable - recurring unless terminated	100 hr unless terminating Hi-Shear rivet kit installed
<u>97-01-01 R1</u>	Main landing gear sidebrace studs	Applicable - recurring	1,000 hr inspection; no terminating action for PA-30
<u>99-14-01</u>	Severe icing - AFM revision	Applicable	AFM / limitations requirement
<u>2015-24-05</u>	Fuel system management placard / POH	Applicable - S/N 30-1 thru 30-2000	One-time placard + limitations text
<u>2017-15-05</u>	Heater exhaust extension	Applicable if affected heater installed	Inspect heater exhaust extension

Equipment-, engine- and modification-dependent ADs

AD	Subject	Status for N8031Y	Action / interval
<u>64-21-05</u>	Hartzell propeller governor	Conditional	Depends on governor / relief-valve configuration
<u>67-19-05</u>	Oxygen cylinder mounting	Conditional	Only if affected oxygen installation remains
<u>70-22-05</u>	Alternator system	Configuration dependent	Verify installed alternator conversion / records
<u>75-05-02</u>	Engine oil requirement	Engine / configuration dependent	Verify engine records
<u>76-19-07</u>	Stabilator weight assembly	Configuration dependent	Verify installed parts / kit
<u>81-19-04</u>	Rajay turbocharger hoses	Not applicable unless turbocharged	Check STC / turbo installation records
<u>82-23-01 R1</u>	Robertson STOL flap placard	Only if STC installed	Check STC list
<u>98-02-08</u>	Crankshaft I.D. corrosion	Engine history dependent	Verify crankshaft / engine applicability
<u>98-21-21 R1</u>	Electric inflatable door seal	Only if installed	Check door seal STC
<u>99-05-09</u>	Induction air filter	Part-number dependent	Check installed filter P/N
<u>2001-23-17</u>	Garmin GNS 430	Only if installed	Verify installed navigator model
<u>2005-01-19</u>	Mode S transponder	Part-number dependent	Verify installed transponder P/N
<u>2006-03-08</u>	Vacuum pumps	Part-number dependent	Check installed pump(s)
<u>2006-12-07</u>	ECi cylinder assemblies	Cylinder P/N / S/N dependent	Verify cylinder manufacturer and serials
<u>2012-17-06</u>	Flight controls	Part-number dependent	Check affected control parts

Current / later component-dependent ADs

AD	Subject	Status for N8031Y	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	Only if affected equipment installed	Verify avionics and fuel-probe interface
2023-09-09	V-band couplings	Only if affected turbo / exhaust installation	Verify modification list
2024-14-03	Garmin GFC 500 autopilot	Only if GFC 500 installed	Verify software / configuration compliance
2026-04-11	Lycoming connecting-rod bushings	Potentially applicable - current engine AD	Effective Apr. 8, 2026; determine by engine model/S/N/history

Priority items to verify in N8031Y records

#	Item	Why it matters
1	97-01-01 R1 - Main gear sidebrace studs	Recurring 1,000-hour inspection. Confirm actual logbook entry and tach / total-time basis.
2	77-13-21 - Landing gear system / bungees	Confirm 1,000-hour landing-gear inspection plus bungee inspection / replacement intervals.
3	74-13-03 and 94-13-10 - Stabilator structure	Confirm whether terminating hardware / Hi-Shear modification is installed; otherwise recurring inspections remain.
4	79-20-10 and 77-08-01 - Aileron structure	Confirm applicable reinforcement / modification kits; otherwise recurring inspections may continue.
5	2015-24-05 - Fuel management placard / POH	S/N 30-1140 is within the listed 30-1 through 30-2000 range. Verify placard and limitations text.
6	2026-04-11 - Lycoming connecting-rod bushings	Verify exact engine models, serial numbers and overhaul / repair history for both engines.
7	Installed modifications and appliances	Identify propeller models, heater, autopilot, turbo/STOL/counter-rotating conversions, filters, pumps and avionics before final AD sign-off.

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.