

Maintenance record: N4521R · Cessna 172N

As of Oct 20, 2026

Inspections

Item	Regulation	Last done	Due	Status
Annual inspection	14 CFR 91.409(a)	Nov 20, 2025	Nov 30, 2026	Current
ELT inspection	14 CFR 91.207(d)	Nov 20, 2025	Nov 30, 2026	Current
ELT battery	14 CFR 91.207(c)	—	Jun 20, 2028	Current
Transponder check	14 CFR 91.413	Nov 20, 2024	Nov 30, 2026	Current
Altimeter and static system	14 CFR 91.411	Nov 20, 2024	Nov 30, 2026	Current
VOR check	14 CFR 91.171	Oct 8, 2026	Nov 7, 2026	Due soon

Engine

Time since overhaul: 1336.6 hours (1180 entered as of Oct 20, 2024, plus logbook hours since).
TBO: 2,000 hours; 663.4 hours left.
At your 73.4 hours a year, the 2,000-hour TBO comes in about 9 years (Nov 3, 2035). This counts hours only: a calendar limit or the engine's condition isn't included.

Maintenance log

Date	Entry	Details	Cost
Mar 20, 2026	Maintenance and repairs	Brake pads, tire	\$610.00
Nov 20, 2025	Annual inspection	Annual inspection	\$2,380.00
Nov 20, 2024	Annual inspection	Annual inspection	\$2,380.00

Oil analysis (ppm; change from the sample before)

Sample	Engine hrs	Hrs on oil	Iron	Copper	Aluminum	Chromium	Nickel	Silicon	Lead
Sep 6, 2026	2973.9	26.9	18.7 (+2.8)	5.2 (+0.7)	5.9 (-0.5)	1.2 (-0.2)	2.2 (+0.2)	6.5 (+0.2)	3854 (+215)
Apr 25, 2026	2947	27.8	15.9 (+0.2)	4.5 (-1)	6.4 (-0.5)	1.4 (+0.2)	2	6.3 (-1.8)	3639 (+291)
Oct 30, 2025	2919.2	25.1	15.7 (+0.2)	5.5 (+1)	6.9 (+1.9)	1.2 (-0.1)	2 (+0.2)	8.1 (-0.3)	3348 (-81)
Jul 30, 2025	2894.1	27.9	15.5 (+0.8)	4.5 (-0.1)	5 (-0.1)	1.3 (+0.1)	1.8 (-0.2)	8.4 (+2.1)	3429 (-478)
Apr 3, 2025	2866.2	26.2	14.7	4.6	5.1	1.2	2	6.3	3907

Compression (psi; change from the check before)

Checked	Engine hrs	Cyl 1	Cyl 2	Cyl 3	Cyl 4
Sep 12, 2026	2975.6	74.5/80 (-0.5)	75/80	67.5/80 (-1.5)	75.5/80 (-0.5)
Feb 12, 2026	2930	75/80 (-0.5)	75/80	69/80 (-1.5)	76/80 (-0.5)
Sep 26, 2025	2908.5	75.5/80 (-0.5)	75/80	70.5/80 (-1.5)	76.5/80 (-0.5)
Feb 2, 2025	2860	76/80	75/80	72/80	77/80

Oil added

Date	Quarts	Logbook hours since the one before	Hours per quart
Oct 12, 2026	1	13.2	13.2
Aug 27, 2026	1	12.4	12.4
Jun 7, 2026	1	13.3	13.3
Apr 25, 2026	1	12.8	12.8
Mar 8, 2026	1	13.4	13.4
Nov 26, 2025	1	13.3	13.3
Oct 8, 2025	1	12	12
Aug 22, 2025	1	12.6	12.6
Jul 9, 2025	1	12.8	12.8
May 30, 2025	1	12.9	12.9
Apr 3, 2025	1	13.3	13.3
Nov 28, 2024	1	—	—

Engine monitor readings

Date	Engine hrs	EGT °F	CHT °F	Oil °F	Oil psi	gal/hr	RPM	inHg
Oct 12, 2026	2982	1359 · 1366 · 1424 · 1367	350 · 366 · 394 · 362	192	78.8	8.4	2410	22.7
Sep 12, 2026	2975.6	1363 · 1367 · 1422 · 1368	361 · 369 · 401 · 369	198	76.4	8.7	2400	22.9
Sep 6, 2026	2973.9	1352 · 1365 · 1428 · 1355	358 · 373 · 399 · 368	199	79.9	8.3	2430	22.7
Aug 10, 2026	2966.9	1350 · 1382 · 1411 · 1365	366 · 379 · 401 · 369	200	77	8.6	2400	22.9
May 27, 2026	2957.7	1364 · 1367 · 1415 · 1370	361 · 369 · 400 · 364	197	79	8.6	2430	22.1
May 22, 2026	2953.9	1358 · 1373 · 1409 · 1365	359 · 370 · 398 · 363	195	76.9	8.3	2400	22.9
May 2, 2026	2950.8	1357 · 1374 · 1420 · 1354	354 · 374 · 400 · 364	200	77.5	8.7	2450	23
Apr 25, 2026	2947	1346 · 1363 · 1414 · 1360	348 · 363 · 391 · 358	195	79.8	8.7	2400	22.7
Apr 3, 2026	2941.8	1357 · 1376 · 1414 · 1364	348 · 366 · 394 · 357	195	77	8.8	2410	23
Mar 17, 2026	2939.2	1352 · 1365 · 1410 · 1357	347 · 356 · 385 · 354	186	78.6	8.8	2420	22.8
Mar 8, 2026	2935.4	1359 · 1379 · 1417 · 1359	343 · 363 · 388 · 349	187	79	8.5	2420	22.3
Feb 18, 2026	2933.8	1348 · 1374 · 1408 · 1363	338 · 358 · 381 · 346	187	78.4	8.5	2440	22.5
Feb 12, 2026	2930	1360 · 1372 · 1416 · 1354	343 · 358 · 377 · 347	184	77.2	8.3	2420	22.2
Feb 5, 2026	2928.4	1351 · 1381 · 1416 · 1367	337 · 358 · 383 · 351	185	78.5	8.4	2420	22.5
Dec 6, 2025	2925.7	1358 · 1372 · 1423 · 1366	342 · 354 · 381 · 350	186	77	8.5	2450	22.2
Nov 26, 2025	2923.4	1362 · 1368 · 1427 · 1364	349 · 358 · 388 · 357	187	78.5	8.3	2410	22.1
Nov 7, 2025	2920.9	1358 · 1380 · 1427 · 1360	342 · 358 · 384 · 352	187	77.7	8.5	2430	22.1
Oct 30, 2025	2919.2	1359 · 1367 · 1409 · 1356	353 · 363 · 394 · 362	196	76.5	8.5	2410	22.5
Oct 20, 2025	2916	1365 · 1379 · 1417 · 1366	352 · 364 · 388 · 361	193	78.5	8.3	2430	22.7