



Polaris Motor AM-FIB 2003 ultralight trike

The Polaris Motor AM-FIB 2003 ultralight trike sound library delivers 33 high-quality sound effects capturing the unique acoustic footprint of an amphibious ultralight aircraft. Designed for film sound designers, game audio engineers and post-production professionals, this collection provides complete operational coverage, from high-velocity overhead flybys and ground taxiing runs to engine revs, false starts, landing rollouts and tactile cockpit Foley.

Recorded on location using ultra-low-noise omnidirectional and matched boundary mic setups, these files isolate the distinct high-RPM engine whine, propeller air displacement and mechanical vibration of a lightweight motorized hang glider system. The pristine 32-bit float capture at 192 kHz provides extreme dynamic headroom, clean high-frequency transient detail and total processing flexibility for pitching, time-stretching or sound design layering into custom aircraft, futuristic sci-fi vehicles or interactive game engines.

Complete aerial and ground flight maneuvers: Features fast, medium and slow flybys, full unedited flight passes, fast/medium/slow takeoffs and landings, ground taxiing, ground arrivals, pulling away and standing engine idles.

Detailed engine and cockpit Foley: Documents false starts, long engine revs, short rev bursts, engine shutdowns, cockpit buttons and seatbelt latching/unlatching across multiple takes.

Pristine high-resolution capture: Recorded uniformly at 32-bit float / 192 kHz using low-noise preamps and matched capsule configurations to capture full transient detail with zero noise floor.

Multi-capsule field recording: Captured using matched omnidirectional and boundary microphones to provide transparent spatial imaging and balanced acoustic weight across all operational states.

Technical specifications

Audio quality: 32-bit float / 192 kHz (Lossless high-resolution format)

Workflow: Fully UCS compliant (Universal Category System)

Microphones: Line Audio Omni1, FEL Clippy XLR EM272

Recorders: Sound Devices MixPre-6 II, Zoom F3

Content: 33 WAV files (Detailed flight passes, ground maneuvers, engine operations and Foley)

Tracklist:

1. arriving fast, landing
2. arriving medium, landing
3. arriving on the ground
4. arriving slow, landing
5. cockpit button 1
6. cockpit button 2
7. cockpit button 3
8. driving on the ground
9. false start 1
10. false start 2
11. fly by fast
12. fly by medium
13. fly by slow
14. flying fast
15. flying medium
16. flying slow
17. full flight, unedited
18. idle, standing on the ground
19. pass by driving on the ground
20. pulling away on the ground
21. revving long
22. revving several shorts
23. revving short
24. seatbelt off 1
25. seatbelt off 2
26. seatbelt off 3

27. seatbelt on 1

28. seatbelt on 2

29. seatbelt on 3

30. taking off fast

31. taking off medium

32. taking off slow

33. turn off