AQA — Autonomous Query Assistant

Introduction
AQA is a cockpit-integrated voice intelligence system designed to operate as an autonomous assistant. Unlike

Functionality Overview
- Tracks system and environmental parameters
- Responds to verbal commands and queries
- Issues alerts based on abnormal conditions
- Assists with checklists and task sequences
- Integrates with navigation and external data
- Adjusts output based on context and urgency

Form Factor and Integration
AQA can exist as:
- a software module within avionics or flight computers
- a standalone hardware assistant with voice I/O
- an embedded co-processor interfacing via standard protocols
Its implementation is flexible, platform-agnostic, and expandable.

Philosophy and Design Intent
The design philosophy behind AQA is rooted in autonomy, clarity, and mission focus. It is not built to entertain,

Vision and Evolution
AQA is conceived as an open concept. While initially focused on cockpit integration, it is capable of evolving int
- maintenance and diagnostics systems
- remote and distributed fleet monitoring
- online/offline hybrid AI systems
The system's documentation anchors it as a foundation for future development.

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