

### **Safety Briefing Sheet**

# Teridentifikasi Aircraft Misbehavior, Lakukan Updating Airborne Software Configuration

#### Background:

Airborne software adalah software yang dipasang pada equipment pesawat dan sebagai bagian dari design pesawat. Airborne software mengontrol seluruh sistem kunci yang ada dimulai dari flight control, radar hingga engine, dimana merupakan salah satu dari teknologi inti sebuah pesawat. Sebagai sebuah produk yang intangible, airborne software memiliki content dengan kompleksitas tinggi, pembaharuan version yang cukup frequently, dan berkaitan dengan data engineering yang sangat besar.

Terkhusus untuk pesawat sipil, persyaratan kelaikan udara yang diperlukan sangat ketat. Saat dihadapkan dengan puluhan bahkan ratusan software pada model pesawat yang sama, membangun proses pengendalian perubahan software yang terpadu sangat penting dan diperlukan dalam proses pengembangan dan certification pesawat.

Terkait dengan *significant safety issue* pada pesawat Citilink Indonesia, selama bulan Februari hingga Desember 2022 ditemukan beberapa *aircraft misbehavior*, di antaranya adalah :









#### Maintenance Tips:

Maka dari itu, melalui Quality Notice JKTDQ/QN-003/9/2023 Airborne Software Configuration Update, Citilink Indonesia mengingatkan kepada GMF khususnya unit in charge untuk mematuhi perintah berikut:



Melakukan update Airborne Software Configuration (ASC) as soon as possible Melakukan record pada AML dan Job Card dengan P/N aktual (dan S/N if applicable) Melakukan record pada Aircraft Briefing Card form CT-2-23

Pemberitahuan ini dibuat untuk ketaatan seluruh *maintenance personnel* dan *ground handling personnel* yang merawat pesawat Citilink Indonesia.

Reference: Quality Notice JKTDQ/QN-003/9/2023 Airborne Software Configuration Update

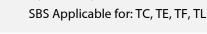
**Do No.6:** Laksanakan tiap langkah kerja dengan benar & akurat sesuai Maintenance Instruction & Approved Data / Maintenance Data

Scan the QR code or click the link https://bit.ly/TQY-SBS-025-2023 SBS Applicable for: TC. TE, TL









PT. Citilink Indonesia
Management Support Building, 1st Floor
Garuda City, Soekarno-Hatta International Airport
Tangerang-15125, Indonesia
P.O Box 1303
P 62 21 5508147



Tangerang, 12 September 2023 Number : JKTDQ/QN-003/9/2023

E quality@citilink.co.id

To : GMF Aeroasia unit TL, TE, TC

Subject : Quality Notice - Airborne Software Configuration Update

Related to significant safety issue – aircraft misbehavior during period February-December 2022 that include:

- Uncommand FMA mode changes,

- Uncommand veers to the right,
- Uncommand climb and descent, and
- Uncommand changes in speed

CTV issues this quality notice as reminder to all GMF unit in charge to obey the following order:

- Update Airborne Software Configuration (ASC) as soon as possible,
- Record on AML and Job Card with actual P/N (and S/N if applicable),
- Record on Aircraft Briefing Card form CT-2-23.

This notice is made for strict obedience for all maintenance personnel and Ground handling personnel who maintain Citilink Indonesia Aircraft.

Regards,
PT CITILINK INDONESIA
CHIEF INSPECTOR



# Citilink

# **AIRCRAFT BRIEFING CARD** A/C Reg: Subject Sign **Date** Note: The following items contain information regarding modification, test, irregularities, etc. of this **Auth No**

Form CT-2-23 (12-01)

#### 1. GENERAL

Any design change / modification which have been accomplished on its aircraft that may influence of the flight operation, and when the system which are normally operated but should restricted condition and still under observation/ investigate by manufacture to resolve the problem by modification.

#### 2. REFERENCE

Company Maintenance Manual Chapter VIII-1 point 5 Aircraft Briefing Card.

#### 3. **RESPONSIBILITIES**

The appropriate Authorization Holder is responsible to entries Aircraft Briefing Card.

#### 4. **DETAIL DESCRIPTIONS**

a. A/C Reg

Aircraft Registration.

Sequence Number.

c. Subject

Subject of an item have to be inform to Flight Crew, modification and etc.

Date of introducing items.

e. Sign

Personnel signature who has authority to entries on this briefing card.

Date Issue TFM : CT-2-23 Page : 1 of 2



CT-2 CT-2-23

**MAINTENANCE MANAGEMENT** Aircraft Briefing Card

END CT-2-23

: CT-2-23

: 2 of 2

# INTENTIONALLY LEFT BLANK

: March 1, 2012 : 1 Rev : Octoor Number Date TFM Issue Page