

Airworthiness at Zurich Airport

Compliance with federal regulations thanks to Maximo



Fabian Himmelsbach
Head of Mobility &
Technical Services



Let's take off with the following topics

Company Portrait Cargologic

As Logistics Expert in the World of Maintenance

Challenges and Implementation

Airworthiness with Maximo

Final Results & Key Figures

Quick Outlook

Cargologic

The Logistics Dance



Starting a new business within 6 months

- Expansion of our technical services to include a Repair Shop for Unit Load Devices (ULD)
- Unit Load Device is a pallet or container used to load luggage, freight and mail on wide-body aircraft and specific narrow-body aircraft
- Certification for components maintenance according to the European Aviation Safety Agency (EASA) is required





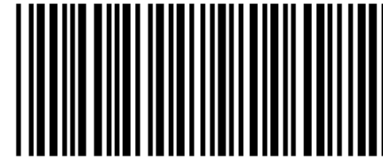
Multiple challenges for the project team

- Start in a highly regulated business field which is regularly audited by the Federal Office of Civil Aviation (FOCA)
- Buildup of a new repair shop from scratch, including recruiting, processes, tooling, storage facilities and spare parts
- Selection of a suitable asset management system to cover legal requirements in all areas

Requirements for Maximo

Spare Parts

- Date of purchase
- Certificate No.
- Part No.
- Batch No.
- Receipt ID
- Bin Location
- Exp. & Recv. Date
- Storage Label



* 6 8 1 4 0 *

Part No **BBC05263-10**
Serial No **N/A**
Cert. No **S-10222/19**
Maximo No **2000474**
Bin Location **U04-B22**
Exp. Date **01.01.2099**
Recv. Date **19.07.2022**

Description

SHEET

received/inspected by: 137618



MOE Form CL-2003

Staff Records

Certifying staff
EASA licence
Qualification
Authorisation


Manual Records

- Part No. linked with CMM reference
- Revision No.
- Capability rating
- Asset link

Work Order

- Tasks & labor
- Material with receipt ID
- Asset & corresponding manual (CMM)
- Service code

ULD Airworthiness

1. Approving Competent Authority/Country FOCA / Switzerland		2. AUTHORIZED RELEASE CERTIFICATE EASA FORM 1			3. Form Tracking Number 2178389	
4. Organisation Name and Address: cargologic Cargologic AG				Freight East P.O.Box CH-8058 Zürich Airport		
5. Work Order/Contract/Invoice WO14622						
6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work	
1	Container Type AKE DoKaSch	BUD 006(J)	1	AKE70726LX	Repaired	
12. Remarks Repaired in accordance with CMM Ref: 25-50-50 Rev: 21						
13a. Certifies that the items identified above were manufactured in conformity to : <input type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12		14a. <input checked="" type="checkbox"/> Part-145.A.50 Release to Service <input type="checkbox"/> Other Regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.				
13b. Authorised Signature	13c. Approval / Authorisation Number	14b. Authorised Signature 	14c. Certificate/Approval Ref. No CH.145.0396			
13d. Name	13e. Date (dd/mm/yyyy)	14d. Name Ismet Alaj 896922	14e. Date (dd/mm/yyyy) 24/Nov./2022			
USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						
EASA Form 1-MF/CAO/145 Issue 3						




03

Certificate Form 1

- Release / Airworthiness
- Generating certificate with digital signature of certifying staff

Final Results & Key Figures



The background image shows a construction site at dusk or dawn. Large, dark pipes are in the foreground, partially obscuring the view. In the background, there are several large, rectangular objects wrapped in white plastic and secured with black netting, likely construction materials. A single orange traffic cone stands on the ground. The overall scene is dimly lit, with a warm, golden light from the low sun.

Factors for successful Maximo implementation

- **Competent and excellent support from EAM Swiss throughout the project**
- **Invested time for revision and control of data before migration**
- **Test procedure on test environment for new Maximo features**
- **Paperless process from the beginning, incl. digital signature for release certificate**
- **Exact traceability of all records, especially of spare parts & work order**
- **Receiving inputs from employees and implementing them in the software**



Thank you for your attention.

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