



# BUSINESS

# GROUP CAMO @ EW

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# BEFORE WE START: 30 YEARS EUROWINGS



## Today: 30 Years of Eurowings

Europe's value carrier with more than 4,000 employees, 100 aircraft and 140 destinations in Europe



### Foundation of Eurowings

Merger of NFD & RFG

1993



### Lufthansa acquires shares

Conversion of fleet to CRJ aircraft

2001

### Feeder flights for KLM

33 % of the passenger volume is covered by them

1996



1994

### Eurowings' first flight

Regional destinations in 11 countries



2002

### Foundation of Germanwings

Operation from Cologne/Bonn

germanwings



### The new Eurowings

Modernized target image, brand identity and long-haul operation

2015

### Crash 4U9525

BCN-DUS with 150 casualties



#indeepsorrow

2016

### Founding of Eurowings Europe

EW company that operates from European bases

2017

### Foundation of Eurowings Technik

2017

### Out for AirBerlin

Record growth for Eurowings in fleet and personnel



2020

### Covid pandemic

Mass grounding of the fleet and personnel on short-time work



2023

EW TECHNIK GMBH

STANDALONE ENTITY  
INSIDE EUROWINGS

# EW TECHNIK GMBH – WHO WE ARE..



Founded as a joint **Center of Competence** for all Eurowings AOC's.



More than **100 aircraft** in CAMO responsibility  
(A320family: A319, A320, A320Neo, A321, A321Neo)



Covering **12 Line Maintenance** stations  
+ on average **12 Base Maintenance** lines (winter season only)



**24/7 Maintenance Control Center** as central contact point



Continuously striving for and achieving the lowest **MCASK**



**Eurowings Technik** 

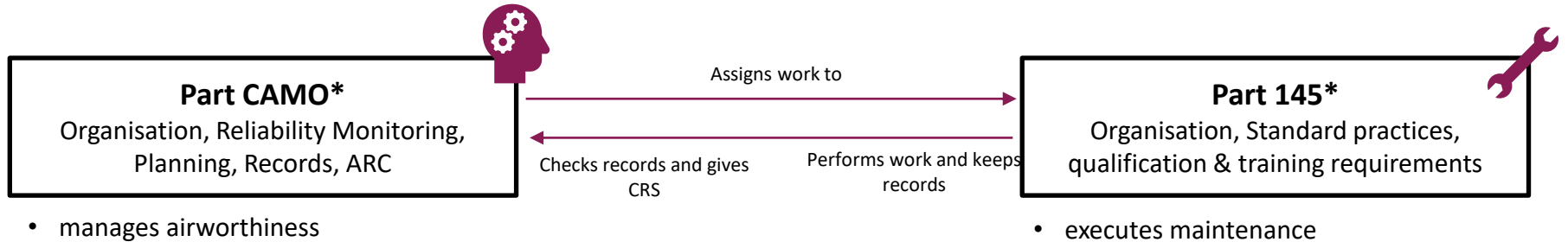
# HOW WE ARE EMBEDDED INSIDE EUROWINGS AND LH GROUP...



# BUSINESS GROUP CAMO @ EW

# WHAT IS A CAMO? AVIATION LAW IN EUROPE

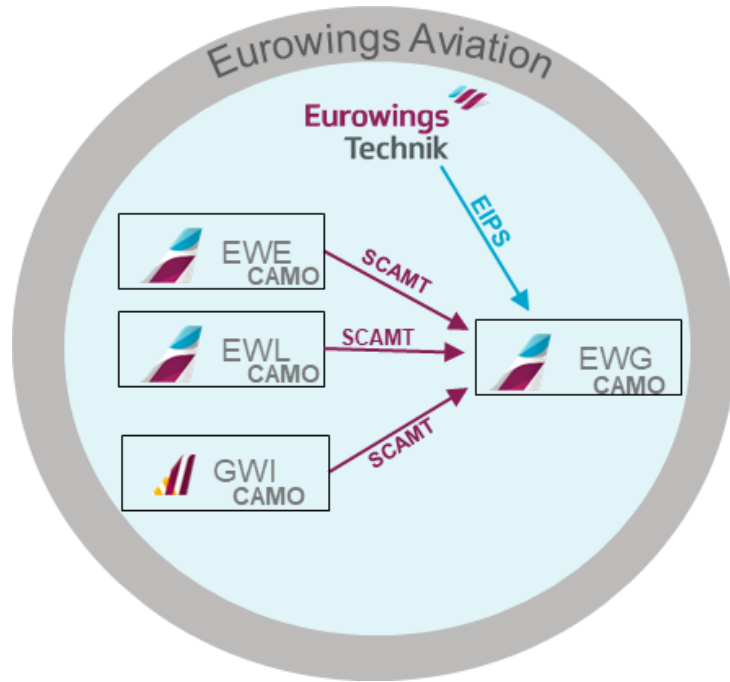
**CAMO - Continuing Airworthiness Management Organisation**  
- Applies to all commercial airlines under EASA regulation -



→ Former requirement: CAMO needs to be part of the AOC

\*EU regulation (EU) 1321/2014

# WHERE DID WE COME FROM...



## Constellation for a low-resource setup at the time

- Complex structure with SCAMT & EIPS
- Different Maintenance Programs and responsibilities
- Intensive oversight through NAAs necessary
- Double work needed in order to satisfy regulation

SCAMT = Subcontracted Maintenance

EIPS = Eurowings Internal Personnel Secondment



# NEW LEGISLATION IN THE EU STARTED THE CHANGE PROCESS

## Commission Implementing Regulation (EU) 2022/410

“... amending Regulation (EU) No. 1321/2014 as regards the continuing airworthiness management in a single air carrier business grouping”



OFFICIAL PUBLICATION | ADOPTED

11 Mar 2022

- ✓ Tailor fit for LHG OneCAMO
- ✓ New strategic options for AOC development
- ✓ Ready for NewNormal

Annex I (Part-M) to Regulation (EU) No 1321/2014 is amended as follows:

(1) in point M.A.201, the following points (ea) and (eb) are inserted:

‘(ea) By derogation to point (e)(2), at least two operators forming part of a single air carrier business grouping may use the same CAMO to assume the responsibility for the continuing airworthiness management of all the aircraft they operate, provided that all of the following requirements are met:

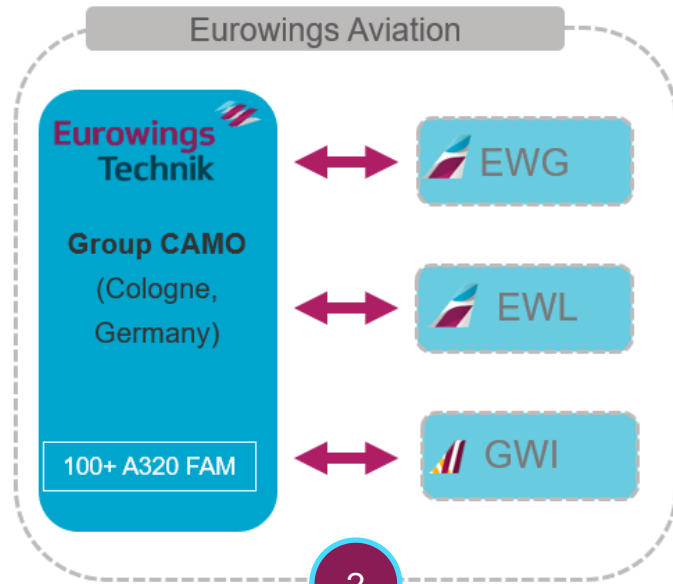
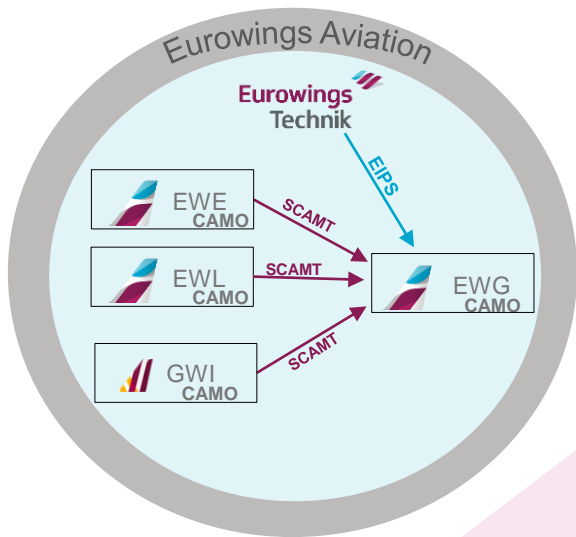
This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 10 March 2022.

For the  
Commission  
The President  
Ursula VON  
DER LEYEN



# EWT AS „BUSINESS GROUP CAMO“



1  
Transfer EWG CAMO Oversight to EASA

2  
Establish EWT as CAMO and implement Group CAMO



# MAJOR PROJECT OVER MORE THAN 1,5 YEARS...

**18** months implementation

Workshops conducted **>500**

**5** Steering Boards

**8** ORA/OREs

**7** Coffee talks

**3** **> 800** Documents

One Articles

Nomination of NPCCAs

Revision MRO Contracts

AOC-CAMO Contract

Revision MSMs

Revision CAME

Setup IQSMS

Exemption ARC

Change Training

2x Article 65 Transfers



ORA = Operational Risk Assessment

ORE = Operational Risk Evaluation

IQSMS = Internal Quality Reporting System

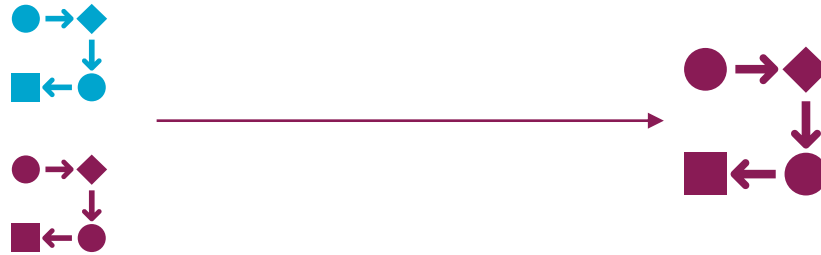
# EFFECT ON OUR MAINTENANCE COST

# SYNERGIES AND AVOIDANCE OF NON-ADDING-VALUE PROCESSES



- More efficient staff with less interfaces
- Better quality and higher commitment („team spirit“)
- Clearer processes
- Freed capacity used for value-adding tasks

# MAINTENANCE PROGRAM, RELIABILITY MONITORING, RECORDS, AIRWORTHINESS REVIEW – ALL HARMONIZED



- One Aircraft Maintenance Program, one reliability program and one record standard
- Broader data basis (100 AC instead of 50+50)
- Fully harmonized, leaner and therefore safer processes

# FASTER, SMOOTHER AND MORE EFFICIENT AIRCRAFT TRANSITIONS



- Transition between different Group AOCs *with the push of a button*
- Aircraft remain in control environment of the same CAMO despite AOC change
- Reduction of admin processes
- Reduction of aircraft downtime
- Offers a high degree of flexibility

# EASIER CONTRACT STRUCTURE, COST TRANSPARENCY AND HIGHER MARKET POWER



- Group CAMO holds and executes all MRO contracts
- Group CAMO as commercial powerhouse for all Eurowings' aircraft
- Bundling of purchasing projects
- Economies of scales in processes (internal + external)
- Transparency: One M-Rate for all AOC



# EUROWINGS – 1ST STAND-ALONE GROUP CAMO GO-LIVE ON JUNE 1ST, 2023



- **1st stand-alone Group CAMO** and EASA oversight (certificate EASA.CAMO.0017 incl. Accountable Manager CAMO)
- **EWT CAMO/145** serving flight operations of **EWG, EWL and GWI**
- Seamless transfer in logical second on track.  
Controlled environment secured (ARC certificate)



## Key learnings

- Close **authority alignment** (EASA/LBA/TM CAD)
- **Baby-steps approach**: building trust via executable milestones
- **Positive change attitude**: strong commitment project & leadership team



**CẢM ƠN**

**(THANK YOU)**

**Eurowings** 