

**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



Wall Township, NJ. August 22<sup>nd</sup>, 2014.

Air Cruisers Company dba Zodiac Aero Evacuation Systems certifies that the below personnel had been trained and completed the Packing Procedures training to the A350 Slide Raft Product for a total of 392 hrs each (49 days).

Bernardino Jacott  
 Victor Garcia  
 Ramon Rey  
 Aaron Muñoz

The training has been conducted to the rigging process (accessorizing the unit), the folding method, the deployment requirements and the finalizing and marking up of the units and its configurations. Below is the list of Component Maintenance Manual (CMM's) release to the A350 field operations and that are the internal documents to successfully complete the packing activities.

A350 DR 1 Dual Lane-	CMM 25-61-55
	CMM 25-61-54
A350 DR 1 Single Lane-	CMM 25-61-63
	CMM 25-61-62
A350 DR 2 Dual Lane-	CMM 25-61-57
	CMM 25-61-56
A350 DR 3 Dual Lane-	CMM 25-61-59
	CMM 25-61-58
A350 DR 3 Single Lane-	CMM 25-61-65
	CMM 25-61-64
A350 DR 4 Dual Lane-	CMM 25-61-61
	CMM 25-61-60



All units folded, packed and deployed during this training period are considered to complete the Packer certification program, follow proper Quality System Procedure to document the deployments.

The training period when these activities were performed were from June 30<sup>th</sup>, to August 17<sup>th</sup>, 2014 at the Wall Township, New Jersey facilities.

Anthony Baker  
 Transfer Program Engineer

[Signature]  
 Manufacturing Engineering Manager

# ZODIAC AERO EVACUATION SYSTEMS

Zodiac Aerosafety | Evacuation Systems Division



This is to certify that

*Victor García*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to successfully complete and perform packing operations.

*Anthony Baker*

Transfer Program Engineer

*[Signature]*

Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014

SECRETARIA DE ECONOMIA  
28 SEP 2014  
DEFI EGACION FEDERAL EN  
CARRUAIDA, CIHH.

6945

**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



This is to certify that

*Ramón Rey*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to successfully complete and perform packing operations.

*Anthony Baber*

Transfer Program Engineer

*[Signature]*

Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014

DELEGACION FEDERAL EN  
CHIHUAHUA, CIHH.

REPARTO  
28 SEP 2014

SECRETARIA DE ECONOMIA

6945



**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



This is to certify that

*Bernardino Jacott*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to successfully complete and perform packing operations.

*Anthony Baker*

Transfer Program Engineer

*[Signature]*

Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014

SECRETARIA DE ECONOMIA  
RENTAS  
25 SEP 2014  
DELEGACION TERRITORIAL EN  
CHILICUA, IJA, CIHFI.

**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



This is to certify that

*Aaron Muñoz*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to perform and complete packing operations.

*Anthony Baker*

Transfer Program Engineer

*[Signature]*

Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014

SECRETARIA DE ECONOMIA  
16945  
23 SEP 2014  
RECEBIDO  
DIRECCION GENERAL EN  
CIHUAHUA, CHIH.



**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



This is to certify that

*Alberto Gonzalez*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to perform and complete packing operations.

*Anthony Baker*

Transfer Program Engineer

*[Signature]*

Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014

SECRETARIA DE ECONOMIA  
6945  
26 SEP 2014  
DELEGACION FEDERAL EN  
CHILE

**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



SECRETARIA DE ECONOMIA  
28 SEP 2014  
DELEGACION FEDERAL EN  
CIHUAHUA

This is to certify that

*Carlos Esqueda*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to perform and complete packing operations.

*Anthony Baber*  
Transfer Program Engineer

*[Signature]*  
Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014



**ZODIAC AERO EVACUATION SYSTEMS**

Zodiac Aerosafety | Evacuation Systems Division



SECRETARIA DE ECONOMIA  
DELEGACION FEDERAL EN  
CHIHUAHUA, CHIH.  
REVISADO  
26 SEP 2014

6945

This is to certify that

*Ruth Moreno*

Has successfully completed the training required to perform the A350 Slide Raft transfer, in accordance with internal procedures to perform and complete packing operations.

*Anthony Baber*

Transfer Program Engineer

*[Signature]*

Manufacturing Engineering Manager

Wall Township, NJ. August 17<sup>th</sup>, 2014

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## ZODIAC AERO EVACUATION SYSTEMS

Zodiac Aerosafety | Evacuation Systems Division



Wall Township, NJ, August 29<sup>th</sup>, 2014

According to the consultancy process from Air Cruisers dba Zodiac Aero Evacuation Systems to Grupo American Industries / Zodiac Aircruisers (GAI-ZA). It has been satisfactory completed 880 consultancy hours by ours engineers **Anthony Baker & Brian Reid** over the technology transfer and implementations of the packing and try out slide raft for the aircraft Airbus 350, to the American Industries / Zodiac Aircruisers in Chihuahua, Mex.

### 1) Capacity and requirements analysis:

- a. Productive infrastructure required by the plant. Review of the current plant structure to verify if Airbus requirements meet to set the mock up (functional test tool).
- b. Analysis for Equipment and machinery needed by packing and try outs. Developing of packing fixtures to compress the units to final size requirements.
- c. Analysis for tools and fixtures (Mock ups) required by the operation. To develop the mechanism to replicate the High fidelity mock ups provided by the OEM.
- d. Selection of appropriate raw material and suppliers.
- e. Quality system analysis in order to determine what is required to comply with the regulations. Support to determine after deployment pressures at the Chihuahua, MX altitude vs Wall Township, NJ.

### 2) Packing and tryout production implementation:

- a. Consultancy for production infrastructure requirements implementation for the new production process. Measurements and digital simulations based on real deployments from Wall Township, NJ.
- b. Consultancy for machinery and equipment installation for packing and try out areas. Measurement, layout and process definition based in GRESS assessment (AIRBUS Requirements)
- c. Design for the production of tools and fixtures (Mock ups) for packing, inspection and product try out.
- d. Advisory on the quality system in order to comply with FAA and customer regulations.



A handwritten signature in black ink, appearing to be "A. Baker" or similar.

Manufacturing Engineering Manager

## ZODIAC AERO EVACUATION SYSTEMS

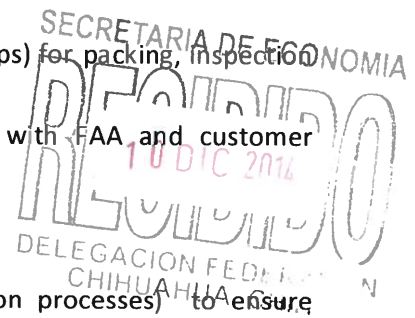
Zodiac Aerosafety | Evacuation Systems Division

Wall Township, NJ, November 14<sup>th</sup>, 2014

According to the consultancy process from Air Cruisers dba Aero Evacuation Systems to Grupo American Industries / Zodiac Aircruisers (GAI-ZA). It has been satisfactory completed the following 320 consultancy hours by our engineers **Anthony Baker & Brian Reid** over the technology transfer and implementations of the packing and try out slide raft for the aircraft Airbus 350, to the American Industries / Zodiac Aircruisers in Chihuahua, Mex. With this, it has been satisfactory completed a 1,200 hours consultancy program on the following requests:

- 1) Capacity and requirements analysis:
  - a. Productive infrastructure required by the plant. Review of the current plant structure to verify if Airbus requirements meet to set the mock up (functional test tool).
  - b. Analysis for Equipment and machinery needed by packing and try outs. Developing of packing fixtures to compress the units to final size requirements.
  - c. Analysis for tool and fixtures (Mock Ups) required by the operation. To develop the mechanism to replicate the High fidelity mock ups provided by the OEM.
  - d. Selection of appropriate raw material and suppliers.
  - e. Quality system analysis in order to determine what is required to comply with the regulations. Support to determine after deployment pressures at the Chihuahua, MX altitude Vs. Wall Township, NJ.
- 2) Packing and tryout production implementation:
  - a. Consultancy for production infrastructure requirements implementation for the new production process. Measurements and digital simulations based on real deployments from Wall Township, NJ.
  - b. Consultancy for machinery and equipment installation for packing and try out areas, Measurement, layout and process definition based in GRESS assessment (AIRBUS Requirements).
  - c. Design for the production of tools and fixtures (Mock Ups) for packing, inspection and product try out.
  - d. Advisory on the quality system in order to comply with FAA and customer regulations.
- 3) Lunch product and manufacturing process:
  - a. Advisory on developing prototypes/validation units.
  - b. Support to realize production processes run (validation processes) to ensure manufacturability and repeatability of the process.

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## ZODIAC AERO EVACUATION SYSTEMS

Zodiac Aerosafety | Evacuation Systems Division

- c. Support on First Article Inspection Process (validation of all steps of the product manufacturing and the inspection activities).
- d. Engineering and manufacturing support on production start up and learning curve period (Ramp Up).



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Manufacturing Engineering Manager

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SECRETARIA DE ECONOMIA  
**RECIBIDO**  
10 DIC 2016  
DELEGACION FEDERAL EN  
CHIHUAHUA, CHIHUAHUA

# ZODIAC AERO EVACUATION SYSTEMS

Zodiac Aerosafety | Evacuation Systems Division



November 25, 2014

Subject: Authorization to build the product at Chihuahua Mexico Facility under Technical Specification Order applicable to A350 XWB.

To whom it may concern:

This letter may be used as evidence of authorization to allow Grupo American Industries- Zodiac Aerospace access to technical data and other documents as drawings, specifications, work instructions among others similar documents from Zodiac Aero Evacuation Systems (Wall Township, New Jersey) with the purpose of assembly and pack all the A350 XWB configurations.

In order to complete the technology transference and in accordance with all regulations, the Chihuahua's facility (Grupo American Industries) has been approved thru all Zodiac Aero Evacuation Systems procedures (Including and getting approval from any other agencies as FAA) to build under TSO C69c and ship product directly to the final customer accordingly.

If you have any questions or require additional information, please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Thomas A. Jurlina'.

Thomas A. Jurlina  
Vice President of Engineering

Zodiac Aero Evacuation Systems  
1747 State Route 34  
Wall Township - New Jersey  
07727-3935 - USA  
Tel: (732) 280-3511  
Fax: (732) 280-8212  
Tom.Jurlina@zodiac aerospace.com

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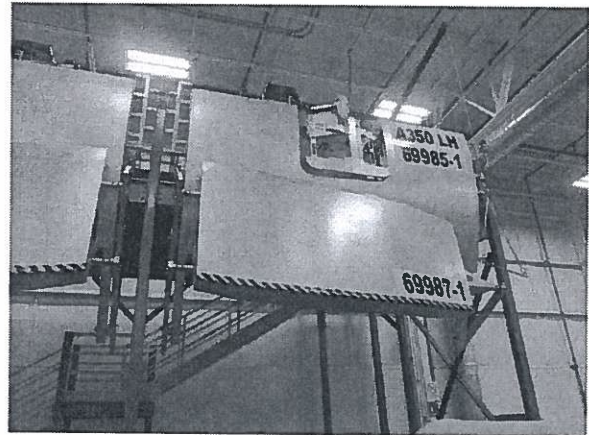
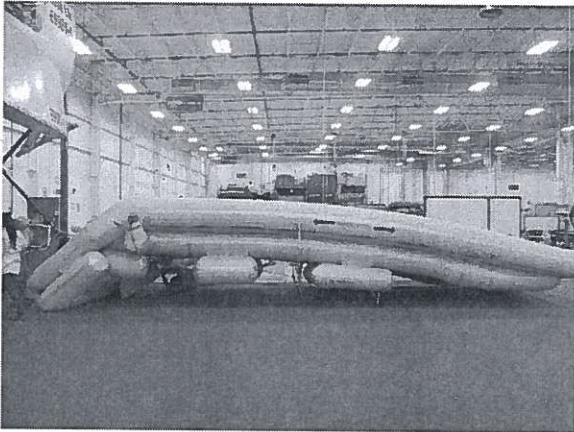
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## ZODIAC AERO EVACUATION SYSTEMS

1747 State Route 34 - Wall Township, New Jersey - 07727-3935 -USA.  
Tel: (732) 681-3527 - Fax: (732) 681-9163  
www.zodiac aerospace.com

# IMPLEMENTACIÓN DE SLIDE-RAFT A350 XWB

Despliegue en piso de producción



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SECRETARIA DE ECONOMIA  
**RECIBIDO**  
10 DIC 2016  
DELEGACION FEDERAL EN  
CHIHUAHUA, CHIH.