

SCT

SECRETARÍA DE
COMUNICACIONES
Y TRANSPORTES





Dirección General de Aeronáutica Civil

Directorate General of Civil Aviation

DGAC of Mexico

Presented to: Global Manufacturing Meeting Participants.

By: Ing. Pablo Carranza Plata

Director de Ingeniería, Normas y Certificación

Director, Standards and Certification Engineering

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BACKGROUND.....



On September 18, 2007, DGAC and FAA have signed Bilateral Aviation Safety Agreement (BASA) due to U.S. PAH's Suppliers have grown as aerospace clusters in Mexico

On July 21, 2009, Implementation Procedures for Airworthiness was signed by DGAC and FAA...

On October 8, 2009, BASA was approved by United Mexican States Senate...

On February 24, 2010, BASA was published by The United Mexican States Federal Executive.....

ICAO



ROADMAP....

INTERNATIONAL STANDARDS AND RECOMMENDED PRACTICES

ANNEX 8
AIRWORTHINESS OF AIRCRAFT

CFR 14..
FAR 21

FAA

DGAC of México

Mexican Standard, & Mandatory Circular

PAH's
Suppliers
Surveillance
& Oversight



BASA-IPA



Manufacturing Organizations Surveillance

**DGAC on
Behalf of
The FAA**

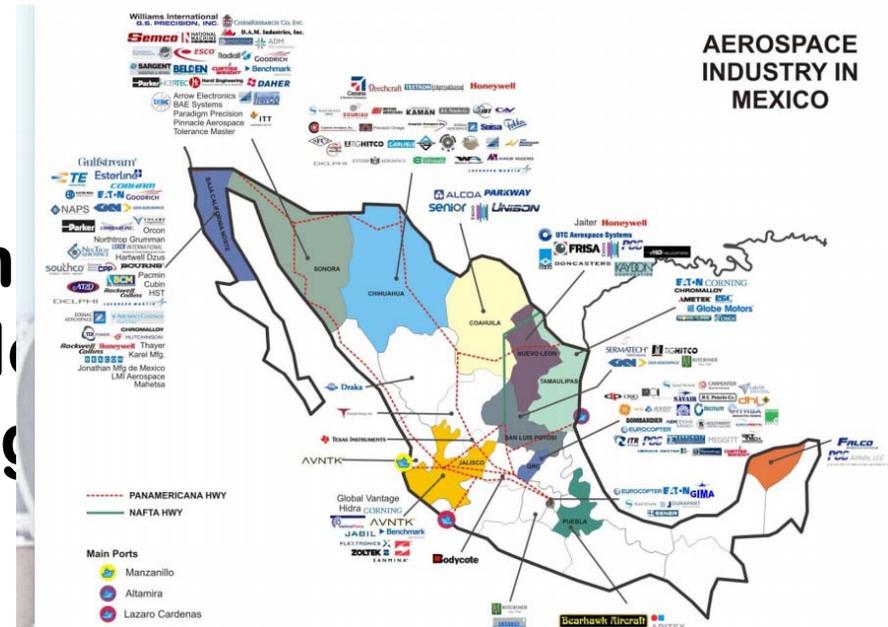
**SPECIAL ARRANGEMENT
FOR CERTIFICATE
MANAGEMENT
ACTIVITIES**

BASA Executive Agreement....



BASA Executive Agreement is part of Bilateral partnership between U.S and Mexico as countries are aware of the new trends and challenges into Aerospace Industry...

Implementation Procedures for Airworthiness as complement of BASA is our basis to provide technical assistance regarding certain surveillance activities in Mexico...



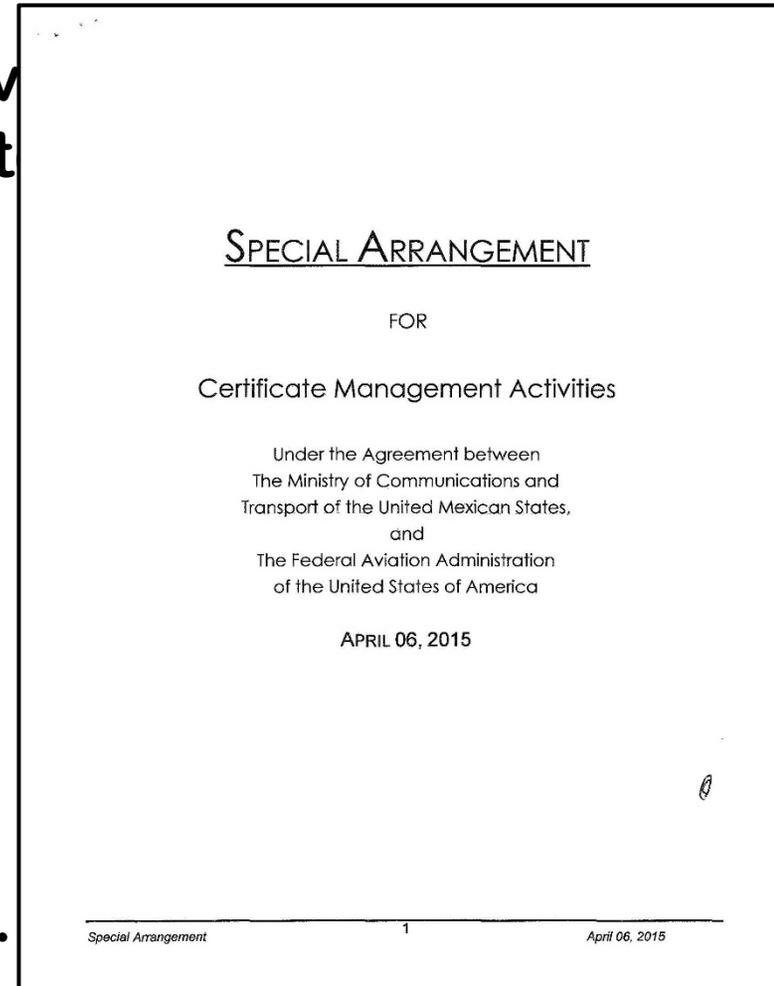
Special Agreement for Certificate Management Activities



On April 8-17, 2015, FAA and DGAC have signed Special Agreement for Certificate Management Activities ...

This Special Agreement establish specific requirements for Surveillance Activities on behalf of the FAA....

FAA & DGAC have worked together to get a legal framework to perform Surveillance and Oversight Activities....



FAA&DGAC Joint Audit Pilot

Program

- **On August 12-23, 2013, A Joint Audit Pilot Program was conducted between FAA&DGAC Phase 1....Wichita MIDO shared expertise and knowledge to the DGAC about SCA process...**
- **On March 17-18, 2014, an Audit jointly between FAA&DGAC at Aernnova Querétaro...Phase 4**
- **On September 9-11, 2014, FAA sent an invitation to the DGAC to participate as an observer during SCA at Williams International, located in Guaymas, Sonora.....**
- **On February 9-13, 2015, FAA invited to the DGAC to participate as an observer during QSA at Williams international, located in Walled Lake, Detroit...**



Supplier Control Audits Program (2015)

In 2015, FAA and DGAC worked in accordance with SCA program....

This program covers 14 SCA...including some U.S. Representatives Production Approval Holders as Cessna, Beechcraft, GE, Boeing Airplanes, Honeywell.....

So far DGAC has conducted 17 SCA on behalf of the



Honeywell



Supplier Control Audits Program

(2015)

Noncompliance noted in various U.S. PAH supplier control quality system elements such as:

- PAH's suppliers did not have control of configuration concerning design data...
- PAH's suppliers did not comply Identification requirements...
- PAH's suppliers records were not stamped properly...
- PAH's suppliers failed to flow down quality requirements...
- PAH's suppliers did not maintain calibration of tooling, fixtures, and jigs during manufacturing process...



DGAC Lessons learned during

SCA...

During SCA's coordination the DGAC had have the following concerns:

- **Clarify and communicate intentions and processes for assessing fees;**
- **Ensure timely and efficient communication between authorities;**
- **Equip inspectors with same tools and knowledge as FAA ASIs;**
- **Arrange for live support to DGAC inspectors by phone during preparation, conduct, and follow-up of audit;**
- **Greater transparency in DGAC's role in the FAA's overall certificate management initiative.**

FAA & DGAC Partnership Benefits

- ❑ U.S. Production Approval Holders reduces expenses during certain Manufacturing process when they have suppliers located in Mexico...
- ❑ FAA has delegated certain Certificate Management activities to comply its responsibilities....
- ❑ FAA has shared expertise to perform PAH' suppliers Surveillance activities.....



DGAC's Challenges

- **To provide technical assistance to the FAA effectively..**
- **To grow as Civil Aviation Authority regarding production approvals.....**
- **To extend BASA-IPA – FAR part 23 Aircraft Certification...**
- **To enhance our relationship with FAA as Authorities.....**

THANK YOU...!!

