PRESENTATION 4

“Collaborative Safety Enhancement Initiatives and AFRAA and UTD joint MRO venture”

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Safety remains Aviation first priority; according to IATA Safety Report 2020
  • Continued 10-year trend of fatal accident rates and fatality risks

COVID-19 disrupted air transports growth
  • 22.2 million flights (the 90s’ traffic levels) operated in 2020 worldwide
  • Only 0.61 million flights recorded for Africa

Though the number of accidents deceased, the accident rate increased from 1.11 in 2019 to 1.71 per million departures in 2020 worldwide

Africa’s accident rates increased even more from 6.01 in 2019 to 9.83 in 2020 because of Africa’s operated less than a million flights,

In term of frequency, runway excursion was the most frequent category with 9 occurrences out of 38 accidents worldwide

Worldwide and in Africa, non-IOSA registered airline accident rate was four time higher than for IOSA registered airlines in 2020
ABUJA SAFETY TARGETS

"Building Blocks for the Air Transport Industry Recovery"
• In 2011:
  • Africa 7.9 and the world average 4.2 per million departures

• In 2012, at Abuja, Africa recognized the Regional unacceptable safety performance.
  • Highest Accident rate insinuating the risk level of accident in Africa at about twofold of the world average
  • Hence the initial 2012 Abuja Safety targets and the 2017 revised ones were set to improve aviation safety over time
  • Progressively reduce the African accident rate to be in line with the global average.
  • With focus on reducing the accidents of three accident categories:
    • runway related accidents, controlled-Flight-Into-Terrain (CFIT) and Loss of Control – In-flight (LOC-I)

• In 2012, the status of runway safety related accidents was:
  • 10-year-average was 17 runway safety related events per year
  • Initially, the Abuja set target for runway safety related accidents was to reduce runway related accidents to no more than 8 by 2015
EVOLUTION OF ACCIDENT RATES PER CATEGORY

RS: Runway Safety
CFIT: Controlled-Flight-Into-Terrain
LOC-I: Loss of Control In Flight
Com. Jet Hull Loss: Commercial Jet Hull Loss

Source RASG AFI Annual Reports
SAATM is Africa’s flagship liberalisation programme;
AfDB institutional support to AFCAC in SAATM implementation framework;
AFCAC, IATA and AFRAA joined forces to improve operational safety in SAATM States;
the initiative objective is to:
- Assist African airlines in SAATM States to achieve and maintain IOSA/ISSA certification by:
  - Conducting IOSA/ISSA awareness workshops
  - Conducting QMS/SMS courses
  - Carrying out gap analyses and
  - Assisting airline beneficiaries in bridging the gaps.
- Hence the well-prepared air carriers will go through the relevant ISSA or IOSA processes.
• Since 2012,
  • Africa safety improved gradually toward the world Average in 2016
  • From 2017, the Region accident rates remained above the world average
  • CFIT and LOC-I accidents are decreasing continuously, RS occurrences are still prominent;
• Currently,
  • Runway Safety events are preponderant worldwide and in Africa, volunteers took a partnership approach to promote the establishment of effective Runway Safety Teams at airports in Africa
  • With AfDB support, AFCAC, AFRAA and IATA are joining forces to prepare African airlines for ISSA or IOSA to further improve Africa safety performance.
AFRAA and UTD concluded a joint venture with two objectives:

1. To provide the opportunity to African MROs with FAA or EASA approvals to contribute in the enhancement of the American fleet safety through continuous airworthiness and;

2. To bring to these MROs a brand new line of revenues to these MRO when their workshops and technical staff are idle.
4 MAJOR COVID-19 IMPACTS TO AVIATION MAINTENANCE AND SUPPLY CHAIN

1. AMT SHORTAGE
2. BROKEN SUPPLY CHAIN
3. HIGH REPAIR COST
4. WORKFORCE DEVELOPMENT

“Building Blocks for the Air Transport Industry Recovery”
THE BROWN CONDOR INITIATIVE (BCI)

01 SKILLED WORK-FORCE
• Over 5,000 skilled
• FAA/EASA Certified Technicians
• Young Demographic

02 STRONG SUPPLY CHAIN
• VMI Marketplace
• Increase Sales, Reduce Inventory
• 46 African Airline End Users

03 SUSTAINED INTELLIGENCE
• BCI Aviation Academy
• Hololens for collaborative training
• Increase Next Gen of AMT’s and Aviators

04 LOWER REPAIR COST
• Guaranteed TAT
• Guaranteed Best Price
• Wide Range ATA Capabilities
THANK YOU