NEW Flight Plan Stress Test – Message Flow

ORIGINATOR
Participating Airlines
I. Objectives
1. Confirm the ability of the airline systems to compose flight plan and related messages in NEW format.
2. Confirm the ability of the airline systems to file large number of flight plans and related messages in NEW format.
II. Actions
1. Send large number of flight plans and related messages in NEW format to the ARO.
2. Optimal use of Item 10 and Item 18.
   Example:
   • Emirates Airlines to Dubai ARO
   • Etihad Airways to Abu Dhabi ARO
   • Gulf Air to Bahrain ARO
   • Qatar Airways to Doha ARO
   • Royal Jordanian to Amman ARO
   • Saudi Arabian Airlines to Riyadh ARO

ATS REPORTING OFFICE (ARO)
Participating AROs
I. Objectives
1. Confirm the ability of the ARO system to receive and transmit large number of NEW format flight plans and related messages.
2. Confirm the ability of the ARO system to convert NEW format flight plans and related messages to PRESENT format (Optional).
II. Actions
1. Receive messages from airlines,
2. Check for completeness of the message,
3. Acknowledge message (automatic or manual),
4. Convert them if required (Optional),
5. Transmit them to all concerned ATS Units,
6. Log findings, if any.
All AROs shall use AFTN addresses:
   • OBB?????, OBB?????, OBB?????
   • OJA?????, OJA?????, OJA?????
   • OLB?????, OLB?????, OLB?????
   • OMDBZPZA, OMDWZAZX, OMDBTES
   • OMAEZRX, OMAEUAHX,
   • OOM?????
   • OTB?????

COMMUNICATION CENTRES (COMMS)
Participating COMMS
I. Objectives
1. Confirm the ability of the COMMS systems to receive and route NEW format flight plans and related messages to the addressees.
2. Confirm the ability of the COMMS systems to convert NEW format flight plans and related messages to PRESENT format and to route them to the addressees (Optional).
II. Actions
1. Receive messages from AROs,
2. Automatic or manual conversion from NEW to PRESENT (Optional),
3. Automatic routing to the addressees,
4. Monitor incoming and outgoing traffic,
5. Check for completeness and correctness of the message,
6. Check for the correct routing of the message,
7. Log findings, if any.

AIR TRAFFIC SERVICE UNITS (ATSU)
Participating ATSUs
I. Objectives
1. Confirm the ability of the ATM systems to receive and process NEW format flight plans and related messages.
2. Extract and present the aircraft capabilities as per the unit requirements.
II. Actions
1. Receive messages,
2. Check Item 10a is extracted and processed correctly,
3. Check Item 10b is extracted and processed correctly,
4. Check Item 18 is extracted and processed correctly,
5. Log findings, if any.