Entering Secure Flight and APIS Information

Development Pattern
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Keywords
PassengerDetails, SpecialService, SSR, Secure Flight, APIS

Context
Entering Secure Flight and APIS (Advance Passenger Information) details into a Sabre PNR using Web Services is sometimes challenging. This pattern is an attempt to describe some possible ways to input the necessary information as efficiently as possible.

Problem
The U.S. Department of Homeland Security’s Secure Flight ruling affects individuals flying:
- Within the United States
- To/From the United States
- International point-to-point on U.S. airline operators
- Over the continental U.S.

As a reminder, the TSA requires the full name, date of birth and gender, as it appears on their non-expired government issued photo ID they plan to use for travel identification, for all passengers flying to/from/within/over the United States, and for all U.S. Operating Carriers regardless of itinerary.

Advanced Passenger Information (APIS) complies with various nations requirements for passport and visa documentation. APIS regulations require the air carrier transmit passenger manifest data from 72 hours before to no later than 30 minutes before securing the aircraft's doors for departure.

Entering this information into a Sabre PNR using Web Services can sometimes be confusing. Following the guidelines set out in this document will help answer the question of how and when to enter the required information correctly to minimize the possibility of error and with the least number of transactions.

Forces
Following the guidelines set out in this document will help answer the question of how and when to enter the required information correctly to minimize the possibility of error and with the least number of transactions.

Solution
All Secure Flight and APIS (Advance Passenger Information) data can be entered via the PassengerDetailsRQ or SpecialServiceLLSRQ services. This includes:

1. Mandatory Secure Flight information
   a. DOB, Gender, First, Last and Middle name to match ID
2. Optional Redress number information
3. Any required APIS Passport and Visa information
NOTE: Secure Flight does not replace APIS. The collection of APIS data to store Passport and Visa information is still required and the format of the data does not change. However, if you stored APIS data using SSR DOCS, there is no need to store additional SSR DOCS with the Secure Flight Passenger Data.

Strategies
See the Sample code section for examples of both PassengerDetailsRQ and SpecialServiceLLSRQ.

Consequences
Entering Secure Flight data via Web Services is not a requirement. It will however need to be entered at some point prior to the traveler’s departure on the first flight segment meeting the criteria outlined in the Problem section above.

Entering the required information at booking time reduces the number of times the PNR must be accessed and will greatly simplify the entire process.

If data is not entered or not entered correctly some airlines have announced that they plan to take action on PNRs missing SFPD (Secure Flight Passenger Data). This may include the issuance of agency debit memos, cancellation of the reservation or even inhibiting your ability to ticket the reservation. If you are unclear about a particular carrier’s policy on this matter, please contact the carrier directly.

PNRs without full Secure Flight Passenger Data will be rejected by the TSA’s Secure Flight rule and will not be processed.

Sample Code

Adding Secure Flight details for 2 passengers, 2 segments and 2 carriers using PassengerDetailsRQ_v1.2.1:

```xml
<SpecialReqDetails>
  <SpecialServiceRequests>
    <!--Secure flight info for PAX 1.1, AA Segment 1 - Note:Hosted Carrier is true for AA flights only-->
    <SpecialServiceRequest SSRC ode="DOCS" ItinSeqNumber="1" TravelerRefNumber="1.1">
      <Text>DB/09JUN1953/M/TESTER/DMAC/K</Text>
    </SpecialServiceRequest>
    <!--Redress number added for PAX 1.1, AA Segment 1 - Note:Hosted Carrier is true for AA flights only-->
    <SpecialServiceRequest SSRC ode="DOCS" ItinSeqNumber="1" TravelerRefNumber="1.1">
      <Airline Code="AA" HostedCarrier="true"/>
      <Text>R/1234567890</Text>
    </SpecialServiceRequest>
    <!--Secure flight info for PAX 2.1, AA Segment 1 - Note:Hosted Carrier is true for AA flights only-->
    <SpecialServiceRequest SSRC ode="DOCS" ItinSeqNumber="1" TravelerRefNumber="2.1">
      <Airline Code="AA" HostedCarrier="true"/>
      <Text>DB/12APR1955/F/TESTER/DSMAC/A</Text>
    </SpecialServiceRequest>
    <!--Secure flight info for PAX 1.1, DL Segment 2 - Note:Hosted Carrier is false for non-AA flights-->
    <SpecialServiceRequest SSRC ode="DOCS" ItinSeqNumber="2" TravelerRefNumber="1.1">
      <Airline Code="DL" HostedCarrier="false"/>
      <Text>R/1234567890</Text>
    </SpecialServiceRequest>
    <!--Secure flight info for PAX 2.1, DL Segment 2 - Note:Hosted Carrier is false for non-AA flights-->
    <SpecialServiceRequest SSRC ode="DOCS" ItinSeqNumber="2" TravelerRefNumber="2.1">
      <Airline Code="DL" HostedCarrier="false"/>
      <Text>DB/12APR1955/F/TESTER/DSMAC/A</Text>
    </SpecialServiceRequest>
  </SpecialServiceRequests>
</SpecialReqDetails>
```
Note: Adding Secure flight details is fully supported in SpecialServiceLLSRQ_v1.5.1
Adding Secure Flight details for 2 passengers, 2 segments and 2 carriers using SpecialServiceLLSRQ_v1.4.1;

GFX and AFX Secure Flight Special Services Response from PNR;
GENERAL FACTS

1. SSR DOCO DL HK1//R/1234567890  1.1 TESTER/DMAC
   CT/DB/09JUN1953/M/TESTER/DMAC/K
2. SSR DOCS DL HK1 BHMATL2053Y15O  1.1 TESTER/DMAC
   CT/DB/12APR1955/F/TESTER/DSMAC/A

AA FACTS

1. SSR DOCS AA HK1 DFWBHM1580Y090  1.1 TESTER/DMAC
   CT/DB/09JUN1953/M/TESTER/DMAC/K
2. SSR DOCS AA HK1 DFWBHM1580Y090  2.1 TESTER/DSMAC
   CT/DB/12APR1955/F/TESTER/DSMAC/A

Adding APIS details (Passport and Visa) for 1 passenger using PassengerDetailsRQ_v1.2.1;

DOCS is the SSR code for Passport and DOCO is for Visa information

DOCS (Passport) format;

(document type)/(document issue country)/(document number)/(document nationality country)/(date of
birth)/(gender)/(document expiration date)/(last name)/(first name)/(middle name or initial)/H-(pnr name number)

DOCO (Visa) format;

(place of birth)/(document type)/(document number)/(place of issue)/(visa issue date)/(visa applicable country)/(lap child
indicator)-(pnr name number)

Note: Lap child indicator not shown in the xml sample code above

Adding APIS details for 1 passenger using SpecialServiceLLSRQ_v1.4.1;

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Related Documents

Also see:


Travel Agencies: See Format Finder, search Secure Flight or APIS

For Airlines: See FOCUS, search F*FMH/SECURE/FLIGHT or F*FMH/APIS