



**ACI Instant Booking Web Services
Developer Guide v1.9**

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1. Instant Quote Web Services

1.1 Introduction

Instant Quote Web Service offers a facility for users to view ACI Instant rates for their transport from origin to destination based on weight, dimensions, and other details.

This section provides an overview on implementing and interfacing with the web services.

1.2 Protocol

The Instant Quote System is deployed as a XML web service. Users provide a properly formatted XML request to the web application will receive XML responses.

1.2.1 Connection Strings

The following table list URL needed to connect to the Suggestive Rates System.

- https://www.aircargocommunities.com/ACI_InstantQuote_server.php

1.2.2 Process Steps

The following steps should be followed to get details from the web service.

Step # 1: Send request to the Instant Quote Web Service

Simply send your request in complete XML to the URL specified in Section 1.2.1 to begin making requests to the application. Please refer to Appendix A for information on what to pass for the request.

Step # 2: Consume Instant Quote Web Service response

Once the request is processed an xml-formatted response will be returned. Please refer to Appendix B for details of the XML response format.

If the request failed or an error encountered then an xml error will be generated indicating the cause of the failure or error. Please refer to Appendix C for error response. (Please see Appendix D for error details).

Appendix A: Ordering XML string

The following is a sample Instant Quote request string

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns4130:GetInstantQuoteDetails xmlns:ns4130="http://tempuri.org">
      <LoginDetails>
        <username xsi:type="xsd:string">aircargo99</username>
        <password xsi:type="xsd:string">aircargo99</password>
      </LoginDetails>
      <originCode xsi:type="xsd:string">90001</originCode>
      <destinationCode xsi:type="xsd:string">10001</destinationCode>
      <weight xsi:type="xsd:string">1000</weight>
      <rdbWeight xsi:type="xsd:string">lbs</rdbWeight>
      <Pickup_Assessorials>
        <TwoManPickup xsi:type="xsd:string">y</TwoManPickup>
        <COD xsi:type="xsd:string">n</COD>
        <InsidePickup xsi:type="xsd:string">y</InsidePickup>
        <LiftGate xsi:type="xsd:string">n</LiftGate>
        <ResidentialPickup xsi:type="xsd:string">n</ResidentialPickup>
        <WeekendPickup xsi:type="xsd:string">n</WeekendPickup>
        <PackagingLabeling xsi:type="xsd:string">n</PackagingLabeling>
      </Pickup_Assessorials>
      <Delivery_Assessorials>
        <TwoManDelivery xsi:type="xsd:string">y</TwoManDelivery>
        <COD xsi:type="xsd:string">n</COD>
        <InsideDelivery xsi:type="xsd:string">y</InsideDelivery>
        <LiftGate xsi:type="xsd:string">n</LiftGate>
        <ResidentialDelivery xsi:type="xsd:string">n</ResidentialDelivery>
        <WeekendDelivery xsi:type="xsd:string">n</WeekendDelivery>
        <PackagingLabeling xsi:type="xsd:string">n</PackagingLabeling>
      </Delivery_Assessorials>
      <item_details>
        <items xsi:type="SOAP-ENC:Array"
SOAP-ENC:arrayType="unnamed_struct_use_soapval[2]">
          <item>
            <packaging xsi:type="xsd:string">Boxed</packaging>
            <pieces xsi:type="xsd:int">1</pieces>
            <length xsi:type="xsd:int">10</length>
            <width xsi:type="xsd:int">10</width>
            <height xsi:type="xsd:int">10</height>
          </item>
          <item>
            <packaging xsi:type="xsd:string">Boxed</packaging>
          </item>
        </items>
      </item_details>
    </ns4130:GetInstantQuoteDetails>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

    <pieces xsi:type="xsd:int">1</pieces>
    <length xsi:type="xsd:int">20</length>
    <width xsi:type="xsd:int">20</width>
    <height xsi:type="xsd:int">20</height>
  </item>
</items>
</item_details>
<company xsi:type="xsd:string">Test</company>
<Additional_Information>
  <Declared_Insurable_Value xsi:type="xsd:float">100.50</Declared_Insurable_Value>
  <TSA_Driver_Needed xsi:type="xsd:string">n</TSA_Driver_Needed>
</Additional_Information>
<from_country xsi:type="xsd:string">USA</from_country>
<to_country xsi:type="xsd:string">USA</to_country>
</ns4130:GetInstantQuoteDetails>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Note: Please specify content-type as text/xml while posting xml request.

Name	DD XML Mapping	Description text	Mandatory?
username	LoginDetails/username	Username	Y
password	LoginDetails/password	Password	Y
originCode	originCode	Origin zipcode or Airport code	Y
destinationCode	destinationCode	Destination zipcode or Airport code	Y
weight	weight	Weight	Y
rdbWeight	rdbWeight	Weight Unit (default - lb)	Y
Pickup_Assessorials	Pickup_Assessorials	Pickup Assessorials (can be empty)	Y
TwoManPickup	Pickup_Assessorials /TwoManPickup	2 Man Pickup - \$90	N
COD	Pickup_Assessorials /COD	COD - \$25	N
InsidePickup	Pickup_Assessorials /InsidePickup	Inside Pickup - \$25	N

LiftGate	Pickup_Assessorials /LiftGate	Lift Gate - \$75	N
ResidentialPickup	Pickup_Assessorials /ResidentialPickup	Residential Pickup - \$25	N
WeekendPickup	Pickup_Assessorials /WeekendPickup	Weekend Pickup - \$200	N
PackagingLabeling	Pickup_Assessorials /PackagingLabeling	Packaging/Labeling - \$25	N
Delivery_Assessorials	Delivery_Assessorials	Delivery Assessorials (can be empty)	Y
TwoManDelivery	Delivery_Assessorials/ TwoManDelivery	2 Man Delivery - \$90	N
COD	Delivery_Assessorials/COD	COD - \$25	N
InsideDelivery	Delivery_Assessorials/ InsideDelivery	Inside Delivery - \$25	N
LiftGate	Delivery_Assessorials/ LiftGate	Lift Gate - \$75	N
ResidentialDelivery	Delivery_Assessorials/ ResidentialDelivery	Residential Delivery - \$25	N
WeekendDelivery	Delivery_Assessorials/ WeekendDelivery	Weekend Delivery - \$200	N
PackagingLabeling	Delivery_Assessorials/ PackagingLabeling	Packaging/Labeling - \$25	N
packaging	item_details/items/ packaging	Item Packaging	Y
pieces	item_details/items/pieces	Item Pieces	Y
length	item_details/items/length	Item length	Y
width	item_details/items/width	Item Width	Y
height	item_details/items/height	Item Height	Y
company	company	Company Name	N
Declared_Insurable_V alue	Additional_Information/Decl ared_Insurable_Value	Declared Insurable Value – Insured Amount	N

TSA_Driver_Needed	Additional_Information/TSA_Driver_Needed	TSA Driver Needed: Available values: Yes - y No - n Don't Know - dn	N
from_country	from_country	Origin country name(USA,Canada,Mexico)	N
to_country	to_country	Destination country name(USA,Canada,Mexico)	N

Appendix B: Result XML

After a successful request has been made, the XML response will return string representing the ACI Instant Rate details. A sample ACI Instant Quote Web Service response is below. Schemas are available upon request.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding">
  <SOAP-ENV:Body>
    <ns1:GetInstantQuoteDetailsResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">
        <InstantQuoteDetails>
          <Origin>90001</Origin>
          <Destination>10001</Destination>
          <Weight>1000</Weight>
          <item_details>
            <items>
              <packaging>Boxed</packaging>
              <pieces>1</pieces>
              <length>10</length>
              <width>10</width>
              <height>10</height>
            </items>
            <items>
              <packaging>Boxed</packaging>
              <pieces>1</pieces>
              <length>20</length>
              <width>20</width>
              <height>20</height>
            </items>
          </item_details>
          <PickUp>
            <Amount>148.01</Amount>
          </PickUp>
        </return>
      </ns1:GetInstantQuoteDetailsResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

```

    </PickUp>
    <Linehaul>
      <Amount>924.00</Amount>
    </Linehaul>
    <Delivery>
      <Amount>167.67</Amount>
    </Delivery>
    <Pickup_Assessorials>
      <TwoManPickup>y</TwoManPickup>
      <InsidePickup>y</InsidePickup>
    </Pickup_Assessorials>
    <Delivery_Assessorials>
      <TwoManDelivery>y</TwoManDelivery>
      <InsideDelivery>y</InsideDelivery>
    </Delivery_Assessorials>
    <Additional_Information>
      <Declared_Insurable_Value>100.5</Declared_Insurable_Value>
      <Declared_Insurable_Amount>25.00</Declared_Insurable_Amount>
      <TSA_Driver_Needed>n</TSA_Driver_Needed>
    </Additional_Information>
    <from_country>USA</from_country>
    <to_country>USA</to_country>
    <Transit_days>Same Day</Transit_days>
    <Total_amount>1469.68</Total_amount>
    <Discount_amount>73.48</Discount_amount>
    <Net_amount>1396.19</Net_amount>
  </InstantQuoteDetails>
</return>
</ns1:GetInstantQuoteDetailsResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Appendix C: XMLException

If a failure occurs, either system or validation, an XMLException response is returned.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:GetInstantQuoteDetailsResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">
        <InstantQuoteDetails>

```

```
<faultcode>
  <Error>Please check the username and password.</Error>
</faultcode>
</InstantQuoteDetails>
</return>
</ns1:GetInstantQuoteDetailsResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Appendix D: General Errors

1. Please check the username and password.
2. Please enter valid origin, destination, and weight.

2. Instant Booking Web Services

2.1.0 Introduction

ACI Instant Booking Services offers a facility for users to book service to deliver any goods from pickup location to destination.

This section provides an overview on implementing and interfacing with the web services.

2.2.1 Protocol

ACI Instant Booking System is deployed as a XML web service. Users providing a properly formatted XML request to the web application will receive XML responses.

2.2.2 Connection Strings

The following table list URL needed to connect to the ACI Search Line Hauler System.

- https://www.aircargocommunities.com/ACI_InstantBooking_server.php

2.2.3 Process Steps

The following steps should be followed to get details from the web service.

Step # 1: Send request to the ACI Instant Booking Service

Simply send your request in complete XML to the URL specified in Section 2.2.1 to begin

making requests to the application. Please refer to Appendix A for information on what to pass for the request.

Step # 2: Consume ACI Instant Booking Service response

Once the request is processed an xml-formatted response will be returned. Please refer to Appendix B for details of the XML response format.

If the request failed or an error encountered then an xml error will be generated indicating the cause of the failure or error. Please refer to Appendix C for error response. (Please see Appendix D for error details).

Appendix A: Ordering XML string

The following is a sample ACI Instant Booking request string.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns6404:GetInstantBookingDetails xmlns:ns6404="http://tempuri.org">
      <LoginDetails>
        <username xsi:type="xsd:string">aircargo99</username>
        <password xsi:type="xsd:string">aircargo99</password>
      </LoginDetails>
      <originCode xsi:type="xsd:string">90001</originCode>
      <destinationCode xsi:type="xsd:string">10001</destinationCode>
      <weight xsi:type="xsd:string">1000</weight>
      <rdbWeight xsi:type="xsd:string">lbs</rdbWeight>
      <Pickup_Assessorials>
        <TwoManPickup xsi:type="xsd:string">y</TwoManPickup>
        <COD xsi:type="xsd:string">n</COD>
        <InsidePickup xsi:type="xsd:string">y</InsidePickup>
        <LiftGate xsi:type="xsd:string">n</LiftGate>
        <ResidentialPickup xsi:type="xsd:string">n</ResidentialPickup>
        <WeekendPickup xsi:type="xsd:string">n</WeekendPickup>
        <PackagingLabeling xsi:type="xsd:string">n</PackagingLabeling>
      </Pickup_Assessorials>
      <Delivery_Assessorials>
        <TwoManDelivery xsi:type="xsd:string">y</TwoManDelivery>
        <COD xsi:type="xsd:string">n</COD>
        <InsideDelivery xsi:type="xsd:string">y</InsideDelivery>
        <LiftGate xsi:type="xsd:string">n</LiftGate>
        <ResidentialDelivery xsi:type="xsd:string">n</ResidentialDelivery>
        <WeekendDelivery xsi:type="xsd:string">n</WeekendDelivery>
      </Delivery_Assessorials>
    </ns6404:GetInstantBookingDetails>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

    <PackagingLabeling xsi:type="xsd:string">n</PackagingLabeling>
  </Delivery_Assessorials>
  <item_details>
    <items xsi:type="SOAP-ENC:Array"
SOAP-ENC:arrayType="unnamed_struct_use_soapval[2]">
      <item>
        <packaging xsi:type="xsd:string">Boxed</packaging>
        <pieces xsi:type="xsd:int">1</pieces>
        <length xsi:type="xsd:int">10</length>
        <width xsi:type="xsd:int">10</width>
        <height xsi:type="xsd:int">10</height>
      </item>
      <item>
        <packaging xsi:type="xsd:string">Boxed</packaging>
        <pieces xsi:type="xsd:int">1</pieces>
        <length xsi:type="xsd:int">20</length>
        <width xsi:type="xsd:int">20</width>
        <height xsi:type="xsd:int">20</height>
      </item>
    </items>
  </item_details>
  <Additional_Information>
    <Commodity xsi:type="xsd:string">NewCommercialGoods</Commodity>
    <Declared_Insurable_Value xsi:type="xsd:int">100</Declared_Insurable_Value>
    <Specific_Time_For_Pickup xsi:type="xsd:string">y</Specific_Time_For_Pickup>
    <Specific_Time xsi:type="xsd:string">8:00 AM</Specific_Time>
    <Pickup_Date xsi:type="xsd:string">11/13/2021</Pickup_Date>
    <TSA_Driver_Needed xsi:type="xsd:string">n</TSA_Driver_Needed>
    <Pickup_Ready_Time xsi:type="xsd:string">10:00 AM</Pickup_Ready_Time>
    <Pickup_Close_Time xsi:type="xsd:string">04:30 PM</Pickup_Close_Time>
  </Additional_Information>
  <Shipping_From>
    <Location_Type xsi:type="xsd:string">BusinessWithDockOrForklift</Location_Type>
    <Company xsi:type="xsd:string">Test Company</Company>
    <First_Name xsi:type="xsd:string">Test</First_Name>
    <Last_Name xsi:type="xsd:string">Customer</Last_Name>
    <Street_Address xsi:type="xsd:string">Test Street</Street_Address>
    <Apt xsi:type="xsd:string">Test Apt</Apt>
    <Department xsi:type="xsd:string">Test Department</Department>
    <City xsi:type="xsd:string">Los Angeles</City>
    <State xsi:type="xsd:string">CA</State>
    <ZIP xsi:type="xsd:string">90001</ZIP>
    <Primary_Phone_Number xsi:type="xsd:string">1234567890</Primary_Phone_Number>
    <Alternate_Phone_Number xsi:type="xsd:string">1234567890</Alternate_Phone_Number>
    <Comment xsi:type="xsd:string">test ship from comment</Comment>
  </Shipping_From>
  <Shipping_To>
    <Location_Type xsi:type="xsd:string">BusinessWithDockOrForklift</Location_Type>
    <Company xsi:type="xsd:string">Test Company</Company>
    <First_Name xsi:type="xsd:string">Test</First_Name>
    <Last_Name xsi:type="xsd:string">Customer</Last_Name>

```

```

<Street_Address xsi:type="xsd:string">Test Street</Street_Address>
<Apt xsi:type="xsd:string">Test Apt</Apt>
<Department xsi:type="xsd:string">Test Department</Department>
<City xsi:type="xsd:string">New York City</City>
<State xsi:type="xsd:string">NY</State>
<ZIP xsi:type="xsd:string">10001</ZIP>
<Primary_Phone_Number xsi:type="xsd:string">1234567890</Primary_Phone_Number>
<Alternate_Phone_Number xsi:type="xsd:string">1234567890</Alternate_Phone_Number>
<Comment xsi:type="xsd:string">test ship from comment</Comment>
</Shipping_To>
<Delivery_Details>
  <Delivery_Date xsi:type="xsd:string">11/14/2021</Delivery_Date>
  <Specific_Time_For_Delivery xsi:type="xsd:string">y</Specific_Time_For_Delivery>
  <Specific_Time xsi:type="xsd:string">6:00 PM</Specific_Time>
  <Notes xsi:type="xsd:string">Test Notes</Notes>
  <Delivery_Ready_Time xsi:type="xsd:string">05:00 PM</Delivery_Ready_Time>
  <Delivery_Close_Time xsi:type="xsd:string">07:30 PM</Delivery_Close_Time>
</Delivery_Details>
<company xsi:type="xsd:string">Test</company>
<from_country xsi:type="xsd:string">USA</from_country>
<to_country xsi:type="xsd:string">USA</to_country>
</ns6404:GetInstantBookingDetails>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Note: Please specify content-type as text/xml while posting xml request.

Name	DD XML Mapping	Description text	Mandatory?
username	LoginDetails/username	Username	Y
password	LoginDetails/password	Password	Y
originCode	originCode	Origin zipcode or Airport code	Y
destinationCode	destinationCode	Destination zipcode or Airport code	Y
weight	weight	Weight	Y
rdbWeight	rdbWeight	Weight Unit (default - lb)	Y
Pickup_Assessorials	Pickup_Assessorials	Pickup Assessorials (can be empty)	Y

TwoManPickup	Pickup_Assessorials /TwoManPickup	2 Man Pickup - \$90	N
COD	Pickup_Assessorials /COD	COD - \$25	N
InsidePickup	Pickup_Assessorials /InsidePickup	Inside Pickup - \$25	N
LiftGate	Pickup_Assessorials /LiftGate	Lift Gate - \$75	N
ResidentialPickup	Pickup_Assessorials /ResidentialPickup	Residential Pickup - \$25	N
WeekendPickup	Pickup_Assessorials /WeekendPickup	Weekend Pickup - \$200	N
PackagingLabeling	Pickup_Assessorials /PackagingLabeling	Packaging/Labeling - \$25	N
Delivery_Assessorials	Delivery_Assessorials	Delivery Assessorials (can be empty)	Y
TwoManDelivery	Delivery_Assessorials/ TwoManDelivery	2 Man Delivery - \$90	N
COD	Delivery_Assessorials/COD	COD - \$25	N
InsideDelivery	Delivery_Assessorials/ InsideDelivery	Inside Delivery - \$25	N
LiftGate	Delivery_Assessorials/ LiftGate	Lift Gate - \$75	N
ResidentialDelivery	Delivery_Assessorials/ ResidentialDelivery	Residential Delivery - \$25	N
WeekendDelivery	Delivery_Assessorials/ WeekendDelivery	Weekend Delivery - \$200	N
PackagingLabeling	Delivery_Assessorials/PackagingLabeling	Packaging/Labeling - \$25	N
packaging	item_details/items/ packaging	Item Packaging	Y
pieces	item_details/items/pieces	Item Pieces	Y
length	item_details/items/length	Item length	Y
width	item_details/items/width	Item Width	Y
height	item_details/items/height	Item Height	Y

Commodity	Additional_Information/Commodity	Pickup Commodity: Available values: NewCommercialGoods RefurbishedCommercialGoods HouseholdGoods UsedGoods	Y
Declared_Insurable_Value	Additional_Information/Declared_Insurable_Value	Declared Insurable Value – Insured Amount	N
Specific_Time_For_Pickup	Additional_Information/Specific_Time_For_Pickup	Specific Time Flag For Pickup	N
Specific_Time	Additional_Information/Specific_Time	Specific Time For Pickup (Format - 00:00 AM/PM)	N
Pickup_Date	Additional_Information/Pickup_Date	Pickup Date (Format - mm/dd/yyyy) eg. 12/01/2021	Y
TSA_Driver_Needed	Additional_Information/TSA_Driver_Needed	TSA Driver Needed: Available values: Yes - y No - n Don't Know - dn	N
Pickup_Ready_Time	Additional_Information/Pickup_Ready_Time	Ready Time for Pickup (Format - 00:00 AM/PM)	N
Pickup_Close_Time	Additional_Information/Pickup_Close_Time	Close Time for Pickup (Format - 00:00 AM/PM)	N
Location_Type	Shipping_From/Location_Type	Shipping From Location Type: Available Values Business with dock or forklift Business without dock or forklift Residence Terminal	Y
Company	Shipping_From/Company	Shipping From Company Name	N

First_Name	Shipping_From/First_Name	Shipping From First Name	Y
Last_Name	Shipping_From/Last_Name	Shipping From Last Name	N
Street_Address	Shipping_From/Street_Address	Shipping From Street Address	Y
Apt	Shipping_From/Apt	Shipping From Suite/Apt	N
Department	Shipping_From/Department	Shipping From Department	N
City	Shipping_From/City	Shipping From City	Y
State	Shipping_From/State	Shipping From State	Y
ZIP	Shipping_From/ZIP	Shipping From Zipcode	Y
Primary_Phone_Number	Shipping_From/Primary_Phone_Number	Shipping From Primary Phone No.	Y
Alternate_Phone_Number	Shipping_From/Alternate_Phone_Number	Shipping From Alternate Phone No.	N
Comment	Shipping_From/Comment	Shipping From Comments	N
Location_Type	Shipping_To/Location_Type	Shipping To Location Type: Available Values Business with dock or forklift Business without dock or forklift Residence Terminal	Y
Company	Shipping_To/Company	Shipping To Company Name	N
First_Name	Shipping_To/First_Name	Shipping To First Name	Y
Last_Name	Shipping_To/Last_Name	Shipping To Last Name	N
Street_Address	Shipping_To/Street_Address	Shipping To Street Address	Y
Apt	Shipping_To/Apt	Shipping To Suite/Apt	N
Department	Shipping_To/Department	Shipping To Department	N

City	Shipping_To/City	Shipping To City	Y
State	Shipping_To/State	Shipping To State	Y
ZIP	Shipping_To/ZIP	Shipping To Zipcode	Y
Primary_Phone_Number	Shipping_To/Primary_Phone_Number	Shipping To Primary Phone No.	Y
Alternate_Phone_Number	Shipping_To/Alternate_Phone_Number	Shipping To Alternate Phone No.	N
Comment	Shipping_To/Comment	Shipping To Comments	N
Delivery_Date	Delivery_Details/Delivery_Date	Delivery Date (Format - mm/dd/yyyy) eg. 12/01/2021	Y
Specific_Time_For_Delivery	Delivery_Details/Specific_Time_For_Delivery	Specific Time Flag For Delivery	N
Specific_Time	Delivery_Details/Specific_Time	Specific Time For Delivery (Format - 00:00 AM/PM)	N
Notes	Delivery_Details/Notes	Delivery Notes	N
Delivery_Ready_Time	Delivery_Details/Delivery_Ready_Time	Delivery Ready Time (Format - 00:00 AM/PM)	N
Delivery_Close_Time	Delivery_Details/Delivery_Close_Time	Delivery Close Time (Format - 00:00 AM/PM)	N
company	company	Company Name	N
from_country	from_country	Origin country name(USA,Canada,Mexico)	N
to_country	to_country	Destination country name(USA,Canada,Mexico)	N

Appendix B: Result XML

After a successful request has been made, the XML response will return a string representing the Booking details. A sample Instant Booking Web Service response is

below. Schemas are available upon request.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:GetInstantBookingDetailsResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">
        <InstantBookingDetails>
          <Origin>90001</Origin>
          <Destination>10001</Destination>
          <Weight>1000</Weight>
          <PickUp>
            <Amount>148.01</Amount>
          </PickUp>
          <Linehaul>
            <Amount>924.00</Amount>
          </Linehaul>
          <Delivery>
            <Amount>167.67</Amount>
          </Delivery>
          <item_details>
            <items>
              <packaging>Boxed</packaging>
              <pieces>1</pieces>
              <length>10</length>
              <width>10</width>
              <height>10</height>
            </items>
            <items>
              <packaging>Boxed</packaging>
              <pieces>1</pieces>
              <length>20</length>
              <width>20</width>
              <height>20</height>
            </items>
          </item_details>
          <Pickup_Assessorials>
            <TwoManPickup>y</TwoManPickup>
            <InsidePickup>y</InsidePickup>
          </Pickup_Assessorials>
          <Delivery_Assessorials>
            <TwoManDelivery>y</TwoManDelivery>
            <InsideDelivery>y</InsideDelivery>
          </Delivery_Assessorials>
          <Additional_Information>
            <Commodity>NewCommercialGoods</Commodity>
            <Declared_Insurable_Value>100</Declared_Insurable_Value>
          </Additional_Information>
        </return>
      </ns1:GetInstantBookingDetailsResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

```

<Specific_Time_For_Pickup>y</Specific_Time_For_Pickup>
<Specific_Time>8:00 AM</Specific_Time>
<Pickup_Date>11/13/2021</Pickup_Date>
<TSA_Driver_Needed>n</TSA_Driver_Needed>
<Pickup_Ready_Time>10:00 AM</Pickup_Ready_Time>
<Pickup_Close_Time>04:30 PM</Pickup_Close_Time>
</Additional_Information>
<Shipping_From>
  <Location_Type>BusinessWithDockOrForklift</Location_Type>
  <Company>Test Company</Company>
  <First_Name>Test</First_Name>
  <Last_Name>Customer</Last_Name>
  <Street_Address>Test Street</Street_Address>
  <Apt>Test Apt</Apt>
  <Department>Test Department</Department>
  <City>Los Angeles</City>
  <State>CA</State>
  <ZIP>90001</ZIP>
  <Primary_Phone_Number>1234567890</Primary_Phone_Number>
  <Alternate_Phone_Number>1234567890</Alternate_Phone_Number>
  <Comment>test ship from comment</Comment>
</Shipping_From>
<Shipping_To>
  <Location_Type>BusinessWithDockOrForklift</Location_Type>
  <Company>Test Company</Company>
  <First_Name>Test</First_Name>
  <Last_Name>Customer</Last_Name>
  <Street_Address>Test Street</Street_Address>
  <Apt>Test Apt</Apt>
  <Department>Test Department</Department>
  <City>New York City</City>
  <State>NY</State>
  <ZIP>10001</ZIP>
  <Primary_Phone_Number>1234567890</Primary_Phone_Number>
  <Alternate_Phone_Number>1234567890</Alternate_Phone_Number>
  <Comment>test ship from comment</Comment>
</Shipping_To>
<Delivery_Details>
  <Delivery_Date>11/14/2021</Delivery_Date>
  <Specific_Time_For_Delivery>y</Specific_Time_For_Delivery>
  <Specific_Time>6:00 PM</Specific_Time>
  <Notes>Test Notes</Notes>
  <Delivery_Ready_Time>05:00 PM</Delivery_Ready_Time>
  <Delivery_Close_Time>07:30 PM</Delivery_Close_Time>
</Delivery_Details>
<from_country>USA</from_country>
<to_country>USA</to_country>
<Transit_days>Same Day</Transit_days>
<Total_amount>1694.68</Total_amount>
<Discount_amount>84.73</Discount_amount>
<Net_amount>1609.95</Net_amount>

```

```

        <Booking_id>176</Booking_id>
      </InstantBookingDetails>
    </return>
  </ns1:GetInstantBookingDetailsResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Appendix C: XMLException

If a failure occurs, either system or validation, an XMLException response is returned.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:GetInstantBookingDetailsResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">
        <InstantQuoteDetails>
          <faultcode>
            <Error>Please check the username and password.</Error>
          </faultcode>
        </InstantQuoteDetails>
      </return>
    </ns1:GetInstantBookingDetailsResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Appendix D: General Errors

1. Please check the username and password.
2. Please enter valid origin, destination and weight.
3. Please enter valid shipping from details location type, first name, street address, city, state, zip and primary phone values.
4. Please enter valid shipping to details location type, first name, street address, city, state, zip and primary phone values.
5. Please enter valid Pickup date and commodity values.
6. Please enter a valid Delivery date.

3. Instant Booking Tracking Web Services

3.1.0 Introduction

ACI Instant Booking tracking Services offers a facility for users to track their ACI Instant Booking status. This section provides an overview on implementing and interfacing with the web services.

3.2.1 Protocol

ACI Instant Booking tracking System is deployed as a XML web service. Users providing a properly formatted XML request to the web application will receive XML responses.

3.2.2 Connection Strings

The following table list URL needed to connect to the ACI Instant Booking tracking System.

- https://www.aircargocommunities.com/ACI_InstantBooking_Tracking_server.php

3.2.3 Process Steps

The following steps should be followed to get details from the web service.

Step # 1: Send request to the ACI Instant Booking tracking Web Service

Simply send your request in complete XML to the URL specified in Section 3.2.1 to begin making requests to the application. Please refer to Appendix A for information on what to pass for the request.

Step # 2: Consume ACI Instant Booking tracking Web Service response

Once the request is processed an xml-formatted response will be returned. Please refer to Appendix B for details of the XML response format.

If the request failed or an error encountered then an xml error will be generated indicating the cause of the failure or error. Please refer to Appendix C for error response. (Please see Appendix D for error details).

Appendix A: Ordering XML string

The following is a sample ACI Search request string

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns2557:GetInstantBookingTrackingDetails xmlns:ns2557="http://tempuri.org">
      <LoginDetails>
        <username xsi:type="xsd:string">se79bru17</username>
        <password xsi:type="xsd:string">gen664wf</password>
      </LoginDetails>
      <booking_id xsi:type="xsd:string">2149</booking_id>
    </ns2557:GetInstantBookingTrackingDetails>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Note: Please specify content-type as text/xml while posting xml request.

Name	DD XML Mapping	Description text	Mandatory?
username	LoginDetails/username	Username	Y
password	LoginDetails/password	Password	Y
booking_id	booking_id	Instant Booking Id	Y

Appendix B: Result XML

After a successful request has been made, the XML response will return a string representing the Airport details. A sample ACI Search Service response is below. Schemas are available upon request.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:GetInstantBookingTrackingDetailsResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">

```

```

<TrackingDetail>
  <Booking_id>2149</Booking_id>
  <StatusDetails>
    <Status>
      <Status_description>Picked Up</Status_description>
      <Status_notes></Status_notes>
      <Status_datetime></Status_datetime>
    </Status>
    <Status>
      <Status_description>Pending</Status_description>
      <Status_notes></Status_notes>
      <Status_datetime></Status_datetime>
    </Status>
  </StatusDetails>
</TrackingDetail>
</return>
</ns1:GetInstantBookingTrackingDetailsResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Appendix C: XMLException

If a failure occurs, either system or validation, an XMLException response is returned.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:GetInstantBookingTrackingDetailsResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">
        <TrackingDetail>
          <faultcode>
            <Error>Please check the username and password.</Error>
          </faultcode>
        </TrackingDetail>
      </return>
    </ns1:GetInstantBookingTrackingDetailsResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Appendix D: General Errors

1. Please check the username and password.
2. Please enter valid Booking Id value.

4.Add Instant Booking Tracking Status Web Services

4.1.0 Introduction

ACI Instant Booking Status Services offers a facility for users to add status to their ACI instant booking. This section provides an overview on implementing and interfacing with the web services.

4.2.1 Protocol

ACI Instant Booking Status System is deployed as a XML web service. Users providing a properly formatted XML request to the web application will receive XML responses.

4.2.2 Connection Strings

The following URL needed to connect to the ACI Instant Booking Status System.

- https://www.aircargocommunities.com/ACI_Add_Tracking_server.php

4.2.3 Process Steps

The following steps should be followed to get details from the web service.

Step # 1: Send request to the ACI Instant Booking Status Web Service

Simply send your request in complete XML to the URL specified in Section 4.2.2 to begin making requests to the application. Please refer to Appendix A for information on what to pass for the request.

Step # 2: Consume ACI Instant Booking tracking Web Service response

Once the request is processed an xml-formatted response will be returned. Please refer to Appendix B for details of the XML response format.

If the request failed or an error encountered then an xml error will be generated indicating the cause of the failure or error. Please refer to Appendix C for error response. (Please see Appendix D for error details).

Appendix A: Ordering XML string

The following is a sample ACI add instant booking tracking status request string

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns2557:saveBookingStatus xmlns:ns2557="http://tempuri.org">
      <LoginDetails>
        <username xsi:type="xsd:string">se79bru17</username>
        <password xsi:type="xsd:string">gen664wf</password>
      </LoginDetails>
      <booking_id xsi:type="xsd:string">2149</booking_id>
      <status_id xsi:type="xsd:int">3</status_id>
      <status_note xsi:type="xsd:string">Test add tracking status. Please ignore.</status_note>
    </ns2557:saveBookingStatus>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Note: Please specify content-type as text/xml while posting xml request.

Name	DD XML Mapping	Description Text	Mandatory?
username	LoginDetails/username	Username	Y
password	LoginDetails/username	Password	Y
booking_id	booking_id	Instant Booking Id	Y
status_id	status_id	Status Id 1 - Scheduled 2 - Pending 3 - Picked Up 4 - In Transit 5 - Delivered 6 - Held	Y

		7 - Cancelled 8 - Order Entered 9 - Delayed (Weather) 10 - Delayed (Mechanical) 11 - Shipment Voided	
status_note	status_note	Status notes(Place)	N

Appendix B: Result XML

After a successful request has been made, the XML response will return a string representing the ACI add instant booking tracking status. A sample ACI add instant booking tracking status response is below. Schemas are available upon request.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:saveBookingStatusResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <return xsi:type="xsd:ur-type">
        <TrackingDetail>
          <Booking_id>2149</Booking_id>
          <Status>Picked Up</Status>
          <StatusNote>Test add tracking status. Please ignore.</StatusNote>
        </TrackingDetail>
      </return>
    </ns1:saveBookingStatusResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Appendix C: XMLException

If a failure occurs, either system or validation, an XMLException response is returned.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:saveBookingStatusResponse xmlns:ns1="http://tempuri.org"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```
<return xsi:type="xsd:ur-type">
  <TrackingDetail>
    <faultcode>
      <Error>Please check the username and password.</Error>
    </faultcode>
  </TrackingDetail>
</return>
</ns1:saveBookingStatusResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Appendix D: General Errors

1. Please check the username and password.
2. Please Enter Booking Id.
3. Please Enter Status Id.
4. Booking Id Does Not Exist.
5. Status Id Does Not Exist.

5.Document Change Log

Version	Date	Comments
1.0	Nov 25, 2021	First release for review.
1.1	Jan 04, 2022	Revised document - removed dimFactor parameter from Instant quote and booking APIs
1.2	Mar 25,2022	Added company tag for providing discounts on total pricing in quotes and booking APIs
1.3	Apr 08, 2022	Added Declared_Insurable_Value tag in the instant quotes API
1.4	May 06,2022	Added to_country tag in the instant quote and booking APIs
1.5	Jun 28, 2022	Added instant booking tacking status add API Updated instant booking get tracking details API
1.6	Jul 05, 2022	Updated instant booking API added below parameters: Pickup_Ready_Time, Pickup_Close_Time, Delivery_Ready_Time, Delivery_Close_Time
1.7	Aug 24, 2022	Updated instant quote and booking API added below parameters: from_country available values - (USA,Canada,Mexico)
1.8	Dec 10, 2022	Updated Instant Booking Quotes

		API - Added TSA_Driver_Needed parameter under Additional Information.
1.9	Feb 06,2023	Added PackagingLabeling parameter under the instant pickup and delivery accessories for both quote and booking APIs. Allowed Values => y/n, Cost: \$25 Updated Weekend Pickup and Delivery accessorials charge \$200 each.

Instant Booking API Parameter Options

Packaging options:

- Boxed
- Crated
- DrumsOrBarrels
- Palletized

Pickup Assessorials options:

- TwoManPickup
- COD
- InsidePickup
- LiftGate
- ResidentialPickup
- WeekendPickup

Delivery Assessorials options:

- TwoManDelivery
- COD
- InsideDelivery
- LiftGate
- ResidentialDelivery
- WeekendDelivery

Commodity options:

- NewCommercialGoods
- RefurbishedCommercialGoods
- HouseholdGoods
- UsedGoods

Pickup Specific Time/ Delivery Specific Time options:

12:00 AM

12:30 AM

1:00 AM

1:30 AM

2:00 AM

2:30 AM

3:00 AM

3:30 AM

4:00 AM

4:30 AM

5:00 AM

5:30 AM

6:00 AM
6:30 AM
7:00 AM
7:30 AM
8:00 AM
8:30 AM
9:00 AM
9:30 AM
10:00 AM
10:30 AM
11:00 AM
11:30 AM
12:00 PM
12:30 PM
13:00 PM
13:30 PM
14:00 PM
14:30 PM
15:00 PM
15:30 PM
16:00 PM
16:30 PM
17:00 PM
17:30 PM
18:00 PM
18:30 PM
19:00 PM
19:30 PM
20:00 PM
20:30 PM
21:00 PM
21:30 PM
22:00 PM
22:30 PM
23:00 PM
23:30 PM

Shipping From/Shipping From Location_Type options

- BusinessWithDockOrForklift
- BusinessWithoutDockOrForklift
- Residence
- Terminal