



E-FREIGHT TECHNOLOGY INC.

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5-20-2019

From 后晨新
一飞软件科技（上海）有限公司
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Subject **2019-06-12** 美国海关将正式实施 **ACAS** (Air Cargo Advance Screening) 申报

ACAS 申报

ACAS (Air Cargo Advance Screening) 是美国国土安全部下面, CBP 和 TSA 两个部门, 从 2010 年开始启动的空运安全管理试点项目。主要是针对空运进口, 要求所有海外空运货代, 在登机前, 必须提交新的 ACAS 信息。

一飞软件是 2012 年开始参加这个试点项目, 2016 年开始, 已经带空运货代正式发送 ACAS 申报, 所以一飞软件 (E-Freight) 对 ACAS 的规章非常熟悉, 也乐于分享给同行。

ACAS 申报数据单元 (Data Element)

✚ 普货

- MAWB and HAWB Number, 直单 AWB Number
- Shipper name and address
- Consignee name and address
- Cargo description
- Piece count
- Weight

✚ 快递小包, 除了上述信息之外, 还需提交下面两项数据

Entry Type	2N	M	Valid entry types are listed below.		1															
			<table><tr><th>Code</th><th>Description</th></tr><tr><td>11</td><td>Informal (Dutiable commercial merchandise \$2,500 or less subject to restrictions as specified in the CBP regulations)</td></tr><tr><td>86</td><td>Sec-321(a) (Subject to the limits as specified in the CBP regulations)</td></tr><tr><td>87</td><td>Headnotes, Harmonized Tariff Schedule of the U.S. (Intangibles)</td></tr><tr><td>91</td><td>Gifts</td></tr><tr><td>92</td><td>Informal Entry of U.S. Goods Returned, (Subject to the limits as specified in the CBP regulations.)</td></tr><tr><td>93</td><td>Gifts, U.S. Possessions</td></tr><tr><td>94</td><td>Personal Shipment</td></tr></table>	Code	Description	11	Informal (Dutiable commercial merchandise \$2,500 or less subject to restrictions as specified in the CBP regulations)	86	Sec-321(a) (Subject to the limits as specified in the CBP regulations)	87	Headnotes, Harmonized Tariff Schedule of the U.S. (Intangibles)	91	Gifts	92	Informal Entry of U.S. Goods Returned, (Subject to the limits as specified in the CBP regulations.)	93	Gifts, U.S. Possessions	94	Personal Shipment	
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94	Personal Shipment																			
Separator	Slant	C	/		1															
Entry Number	11AN	C	The consolidated entry number. This element is required when the entry type is "11", "86", or "92" and must be omitted when cancelling previously transmitted CED data.		1,2															



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ACAS 申报时间

- ❖ Air AMS 规定, 航司必须在**到港前四小时**申报
- ❖ ACAS 申报, 必须在登机前完成。
- ❖ 美国海关建议提交时间: **越早越好**, 至少在打板前要确定已经收到海关 ACAS 申报回执。
 - 美国海关需要有足够时间完成安全评估
 - 申报时间太晚, 申报内容有错, 评估时间不足, 都会导致【**不准登机**】。
- ❖ DNL (Do Not Load) holding messages
 1. 6H - Do Not Load Hold
 2. 7H - Selectee Data issue Hold
 3. 8H - Selectee Screening (or Verification) Required Hold

ACAS 申报回执表

- SR— Security Filing Received - Assessment In Progress 发送收到, 评估中
- **SF**— Security Filing Received - Assessment Complete 发送收到, 评估完成
- SN— Security Filing Not Received
(used when an FHL/PHL checklist refers to a house bill that has not been received)
- **6H**— Do Not Load (DNL) Hold
- 6J— Do Not Load Hold Currently In Place
- **6I**— Do Not Load Hold Removed
- **7H**— Selectee Data Issue Hold
- 7J— Selectee Data Issue Hold Currently In Place
- **7I**— Selectee Data Issue Hold Removed U.S. Customs and Border Protection
- **8H**— Selectee Screening (or Verification) Required Hold
- 8J— Selectee Screening (or Verification) Required Hold Currently In Place
- **8I**— Selectee Screening (or Verification) Required Hold Removed

ACAS 申报途径

- ✚ 空运货代自己申报
 - 自己可以掌控发送回执, 安排打板操作, 如果收到**不准登机**信息, 可以及时处理。
 - 建议在打板前确认所有分单**已经拿到 SF 状态**。
- ✚ 空运货代委托航司代为申报
 - 先确认航司是否提供为货代申报的 ACAS 服务
 - 必须尽早提交, 并且跟航司确认申报结果。



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ACAS 空运货代申报资格

- ❖ 所有空运货代，不论一代、二代都可申报。
- ❖ 可以跟 E-Freight 联系，通过 E-Freight，向美国海关提交申请表，申请 Originator code
- ❖ 没有 Originator code，货代无法自己申报 ACAS

ACAS 空运货代申报方式

- ✚ 美国海关建议及早提交信息，货代可以在信息还不完整前就发送 ACAS，我们 ACAS 系统内有两种提交方式，SR 提交（不完整信息）和 SF 提交（完整信息）

Entry/Review HAWB

Seq No. 61712 Status SF Received

HAWB ACAS Status

HAWB No. APX QXW19051235

Submit 1 - SR Submit 2 - SF Submit Delete

Shipper: JIAXING Consignee: JIAXING

Departure: SHANGHAI - PU DONG Destination: LOS ANGELES, CA - INTL

Piece Count: 152 Weight - Kg: 2715

Cargo Desc: HOMER BELT TRIMMER HEAD LED BULBS CLOTHES COTTON DUVET COVER POT MINE MUGS MUGS CUTTING TOOLS MIND CHIMES DRESS KEY PILLOW SHOWER CURTAIN TOY

Airline: KE KOREAN AIR LINES CO. LTD. MAWB No. 180 57119613

Flight No. 336 Flight Date: 2019-05-28

ETA: 2019-05-28

Origin Agent: APEX LOGISTICS INTERNATIONAL A003

Dest Agent: APEX LOGISTICS INTERNATIONAL A019

Consolidator: Apex Global APX

Origin B/L ID: AE20190507491XQW

Submit By - Date: EDI 2019-05-26

Created By: EDI 2019-05-26 23:48:15

Hold / Release:

Last Date / St: 2019-05-26 SF

Event Date	Code	In/Out	Message	Process Date	PKGS	SubmitBy
2019-05-26 23:49	SF	I	Assessment Complete	2019-05-26 23:50	152	
2019-05-26 23:48	A	O	Submit Add	2019-05-26 23:48	152	EDI

- ✚ SF 提交：当空运货代拿到完整信息，提交 SF 申报，让美国海关知道信息已全，下一步，等待收到 SF 回执，货物就可以放心登机。
- ✚ ACAS 的回执，美国海关会提交给航司，所以航司新的 SOP，必然会检查这个回执状态。



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ACAS 重要日期

✚ 2018-06-12

- ACAS 已开设实施，有一年的适应期（Grace Period）
- 适应期间，没有任何【不准登机】的处罚

<https://www.cbp.gov/border-security/ports-entry/cargo-security/acas>

✚ 2019-05-14

美国海关告示栏宣布

CBP Federal Register Notice (FRN) Document Number: 2018-12315

Titled – Air Cargo Advanced Screening (ACAS) Informed Compliance Period Ending

https://csms.cbp.gov/viewmssg.asp?Recid=24233&page=&srch_argv=19-000242&srchtype=all&btype=&sortby=&sby=

Grace Period for ACAS Filing ends on **June 11, 2019**

✚ 2019-06-12

ACAS 正式实施

ACAS FAQ

<https://www.cbp.gov/sites/default/files/assets/documents/2018-Jun/ACAS%20FAQ%2006112018%20FINAL.pdf>

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May 20, 2019

From **E-Freight Technology, Inc.**
US Phone 626-943-8418
China Tel 21-6383-0279

Subject ACAS Filing - US Inbound Air Cargo Advance Screening Filing

What is ACAS

ACAS (Air Cargo Advance Screening) project is a joint effort between Customs & Border Protection (CBP) and Transportation Security Administration (TSA) to screen air cargo shipments inbound to the United States in order to further reduce the risk of terrorist attacks and raise air cargo supply chain security.

ACAS important Dates

June 12, 2018

- Air Cargo Advance Screening Program Goes into Effect
- With 12 months Grace Period without penalty
<https://www.cbp.gov/border-security/ports-entry/cargo-security/acas>

May 14, 2019, CBP Federal Register Notice (FRN) Document Number: 2018-12315

Titled – Air Cargo Advanced Screening (ACAS) Informed Compliance Period Ending



https://csms.cbp.gov/viewmssg.asp?Recid=24233&page=&srch_argv=19-000242&srchtype=all&btype=&sortby=&sby=

Grace Period for ACAS Filing ends on **June 11, 2019**

June 12, 2019

- ACAS Regulatory Enforcement Start

ACAS Filing, how far in advance?

-  ACAS data should be transmitted **prior to consolidation and loading the cargo on an aircraft.**
-  This timeline is required to enable risk assessment for each cargo shipment and to conduct the required screening. The sooner data are submitted to ACAS, the sooner screening or Do Not Load (DNL) determinations can be communicated to industry stakeholders, which minimizes the impact to operations.

ACAS filing Data Elements

- Air waybill Number
- Shipper name and address
- Consignee name and address
- Cargo description
- Piece count
- Weight.



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ACAS filing preparation

- ❖ Air cargo forwarders should be aware of ACAS regulations for data submission.
 - Contact your Airlines to check if they continue file ACAS for you and if there's any cost after June 12, 2019.
 - Be aware **Air AMS filing deadline is 4 Hours before Arrival**, but **ACAS is preloading**.
- ❖ If Air Forwarders like to submit ACAS themselves
 - Contact us for EDI preparation.
 - **Apply Originator Code**. Each Air Forwarder must have it before transmitting ACAS data.
 - E-Freight can help to apply originator code from our US Customs Rep.
- ❖ Analyze the impact of three type of DNL (Do Not Load) holding messages on air export operation
 - 1) 6H - Do Not Load Hold
 - 2) 7H - Selectee Data issue Hold
 - 3) 8H - Selectee Screening (or Verification) Required Hold

E-Freight and ACAS

- ❖ E-Freight joined US Customs CBP & TSA ACAS pilot program in the year of 2012.
- ❖ Our client has successfully transmitted ACAS transactions from 2016.
- ❖ From our experience in the pilot team, most of major airlines and big air forwarders have already joined in ACAS program for many years.

ACAS FAQ

<https://www.cbp.gov/sites/default/files/assets/documents/2018-Jun/ACAS%20FAQ%2006112018%20FINAL.pdf>

E-Freight Contact

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- ❖ Los Angeles Jeff Ma jma@eftlax.net
- Eric Wong eric@eftlax.net



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ACAS Filing



ACAS Background

After 911, AMS, ISF ATS

- Automatic Targeting System
- Automating identification of high risk cargo

Background

The ACAS Pilot was launched in **December 2010** in response to an **October 2010** incident during which concealed explosive devices were discovered in cargo on board aircraft destined for the United States. CBP partnered with the TSA and the private sector to determine a way to interdict such cargo before the departure of the aircraft to the United States. As a result, **CBP, TSA** and volunteers from the private sector launched this pilot program **FedEx, UPS, DHL, and TNT,**

How far in advance ACAS data to be submitted?

- ❖ ACAS data should be transmitted prior to consolidation and loading the cargo on an aircraft.
- ❖ Enough Time for risk assessment and to conduct the required screening.
- ❖ The sooner data are submitted to ACAS, the sooner screening or Do Not Load (DNL) can be communicated to industry stakeholders, then minimizes the impact to operations.

Benefits of the ACAS program

**Reduce the risk of
terrorist attacks**

**Raise air cargo
Supply Chain
Security**

**Reducing paper
processes**

- ❖ Gained efficiencies by automating identification of high-risk cargo before it is consolidated and loaded on U.S.-bound aircraft

Who's responsibility?

Who can submit ACAS data to CBP?

1. **Air Carrier**
if no other eligible party elects to file.
2. **Air Consolidator** (一代)
3. **Air Forwarder** (二代)

Early Discussion

- It's better to have the most accurate data **at the earliest point possible** in the supply chain.
- It's better to have CBP obtains data from the party most likely to have **direct knowledge** of the data.

ACAS Required Data Element 1 - House Manifest

House Manifest (Key - **HAWB Number**)

- **Total Quantity**
based on the smallest external packing unit
- **Total Weight** (Lb or Kg)
- **Cargo Description**
generic cargo descriptions should be avoided
- **Shipper Name and Address**
- **Consignee Name and Address**

A valid street address with city/province, country and postal code
Additional Data Element welcome – Telephone Number.

ACAS Filing - SF Filing (SR Filed ~ SF Filed)

Entry/Review HAWB

Seq No. 61712

Status SF Received

Clone

Delete

New

Save

HAWB

ACAS Status

HAWB No.

APX

XQW19051235

Submit 1 - SR

Submit 2 - SF

Submit Delete

Shipper

Consignee

Departure

SHANGHAI - PU DONG

PVG

Destination

LOS ANGELES, CA - INT'L

LAX

Piece Count

152

Weight - Kg

2715

Cargo Desc

MOWER BELT TRIMMER HEAD LED BULBS
CLOTHES COTTON DUVET COVER POT WINE
WIGS WIGS CUTTING TOOLS WIND CHIMES
DRESS KEY PILLOW SHOWER CURTAIN TOY

Airline

KE

KOREAN AIR LINES CO. LTD.

MAWB No.

180

57119613

Flight No.

336

Flight Date

2019-05-28

ETA

2019-05-28

Origin Agent

Dest Agent

Consolidator

Origin B/L ID

AE20190507491XQW

Created By

EDI

2019-05-26 23:48:15

modified By

Submit By - Date

EDI

2019-05-26

Hold / Release

Last Date / St

2019-05-26

SF

ACAS Filing - Filing Event & Status

Entry/Review HAWB

Seq No. 60282

Status SF Received

Clone

Delete

New

Save

HAWB

ACAS Status

Event Date	Code	In/Out	Message	Process Date	PKGS	SubmitBy
2019-03-30 03:57	SF	I	Assessment Complete	2019-03-30 03:58	446	
2019-03-30 03:55	R	O	Submit Amend	2019-03-30 03:56	446	EDI
2019-03-29 03:56	ER	I	400INVALID_WEIGHT	2019-03-29 03:57	0	
2019-03-29 03:55	A	O	Submit Add	2019-03-29 03:55	446	EDI

Total: 4 num/sum: 1/1 << 1 >>

ACAS Filing Error Return Codes

Error Message Text	Explanation
HBS_BAD_FORMAT	HBS record missing from FHL detail message.
INVALID_BILL_QTY	Bill quantity is zero or not numeric.
INVALID_CNE_ISO_CTRY	Consignee country code is not a valid ISO country code.
INVALID_HOUSE_BILL_NBR	HAWB number contains invalid characters or exceeds 12 characters.
INVALID_MESSAGE_TYPE	Message type is not a recognized message type.
INVALID_SHP_ISO_CTRY	Shipper country code is not a valid ISO country code.
INVALID_WEIGHT	Weight is zero or not numeric.
MISSING_BILL_QTY	Bill quantity is missing.
MISSING_CARGO_DESC	Cargo description is missing or invalid.
MISSING_CNE_ADDR1	Consignee address line 1 is missing.
MISSING_CNE_ADDR2	Consignee address line 2 is missing.
MISSING_CNE_ADDR3	Consignee address line 3 is missing.
MISSING_CNE_CTRY	Consignee country code is missing.
MISSING_CNE_LINE	Consignee data is missing.
MISSING_CNE_NAME	Consignee name is missing.
MISSING_HOUSE_BILL_NBR	Bill number (both MAWB and HAWB elements) missing.
MISSING_SHP_ADDR1	Shipper address line 1 is missing.
MISSING_SHP_ADDR2	Shipper address line 2 is missing.
MISSING_SHP_ADDR3	Shipper address line 3 is missing.
MISSING_SHP_CTRY	Shipper country code is missing.
MISSING_SHP_LINE	Shipper data is missing.
MISSING_SHP_NAME	Shipper name is missing.
MISSING_WBL_LINE	WBL (waybill data) record is missing.
MISSING_WT_UNITS	Weight Code is missing.

ACAS Required Data Element 2 - Master Data

CBP ACAS Risk Assessment : Data Flow		
ID	Metric Description	Status
A	Participant sends House Bill Data	Message Verification
B	CBP Receives Message via Type-B or MQ Direct Connect	Message Received
C	CBP Validates format and content	Error Response
D	CBP processes messages	
E	CBP accepts messages	CBP Acknowledgement via SR
F	CBP performs Risk Assessment	On-going
G	CBP provides risk assessment results	Hold or Clear
H	Participants respond to Hold or Clear	Acknowledge Hold/DNL
I	CBP Initiates Manual Hold Procedure	NTC Contacts Participants

ACAS Message Replies & Hold

ACAS申報回執表

SR	Security Filing Received - Assessment In Progress	HAWB 發送收到，評估中
SF	Security Filing Received - Assessment Complete	完整發送收到，評估完成
SN	Security Filing Not Received (Submit checklist - refers to a house bill that has not been received)	
6H	Do Not Load (DNL) Hold	
6J	Do Not Load Hold Currently In Place	
6I	Do Not Load Hold Removed	
7H	Selectee Data Issue Hold	
7J	Selectee Data Issue Hold Currently In Place	
7I	Selectee Data Issue Hold Removed U.S. Customs and Border Protection	
8H	Selectee Screening (or Verification) Required Hold	
8J	Selectee Screening (or Verification) Required Hold Currently In Place	
8I	Selectee Screening (or Verification) Required Hold Removed	

ACAS Required Data Element 2 - Master Data

Master Data

Key - **MAWB
Number**

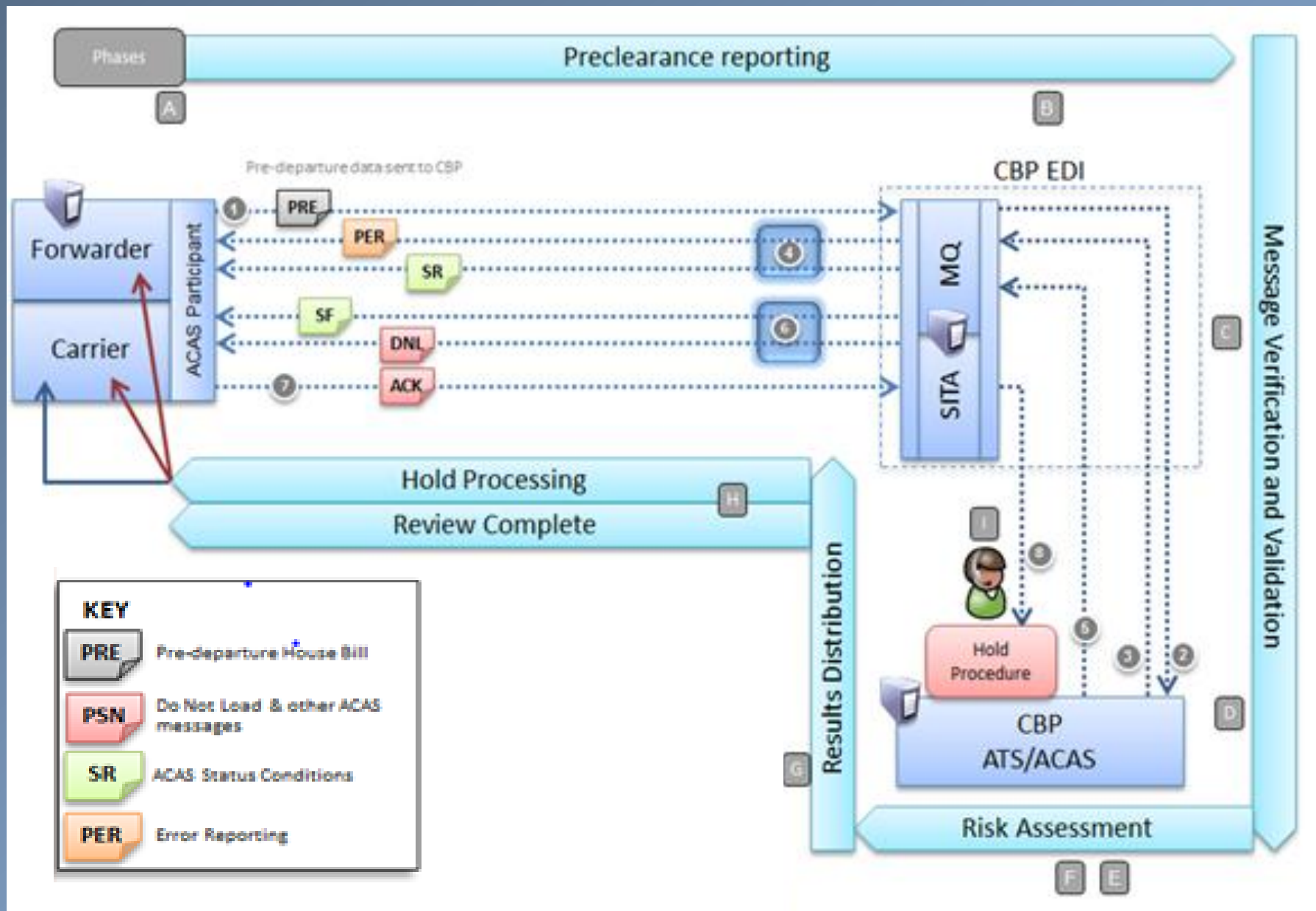
- Air Carrier
- Departure Airport
- Destination Airport
- Fly Number

1. Air Carrier filed
Complete ACAS

2. Consolidator filed
Complete ACAS

3. Forwarder filed
ACAS

ACAS Filing – CBP Process Flow



ACAS Filing - Not Received

Entry/Review HAWB

Seq No. 58111 Status Not Received Clone Delete New Save

HAWB **ACAS Status**

HAWB No. APX XQW181203171 Submit 1 - SR Submit 2 - SF Submit Delete

Shipper		Airline	UA	UNITED AIRLINES, INC.		
Consignee		MAWB No.	016	40644494		
Departure	SHANGHAI - PU DONG	PVG	Flight No.	199	Flight Date	2018-12-17
Destination	LOS ANGELES, CA - INT'L	LAX	ETA	2018-12-17		
Piece Count	222	Weight - Kg	3361	Origin Agent		
Cargo Desc	BACKGROUND CLOTHES USB OUTLET DOEN COMFORTER TABLE CLOTH GLOVES CAMPING STOVE PET BAG PILLOW COVERS GLASS BEAD ROSARY MOP AND BROOM HOLDER WALL SCARF					
Origin B/L ID	AE20181205815XQW		Submit By - Date	EDI	2018-12-14	
Created By	EDI	2018-12-14 20:43:02	Hold / Release			
modified By			Last Date / St	2018-12-15	SN	

ACAS Filing - Submit Delete - Status Not Received

Entry/Review HAWB

Seq No. 58111

Status Not Received

Clone

Delete

New

Save

HAWB

ACAS Status

Event Date	Code	In/Out	Message	Process Date	PKGS	SubmitBy
2018-12-15 03:54	SN	I	Security Filing Not Received	2018-12-15 03:55	222	
2018-12-15 03:52	D	O	Submit Delete	2018-12-15 03:53	222	EDI
2018-12-14 20:45	SF	I	Assessment Complete	2018-12-14 20:46	222	
2018-12-14 20:43	A	O	Submit Add	2018-12-14 20:43	222	EDI

Total: 4 num/sum: 1/1 << 1 >>

ACAS Required Data Element 2 - Master Data

Master Data

Key - **MAWB Number**

- Air Carrier
- Departure Airport
- Destination Airport
- Fly Number

1. Air Carrier filed
Complete ACAS

2. Consolidator filed
Complete ACAS

3. Forwarder filed
ACAS

Apply ACAS Filing Status

LOI - Letter of Intent

- Company Name
Address
Contact
- Company ID
 - EIN (IRS No.)
 - SSN
 - CBP Assigned Number
- Bond Type, Bond Number
- Service Provider

ACAS Letter of Intent

- **Originator code**
8EFTABC
- Bond
 - type 1 Bond
 - type 2 Bond
 - type 3 Bond**
 - continuous bond

ACAS Filing Statistics – 2015

Table 5—Estimated Number of Entities or Filers and Shipments Affected by the Pilot, by Entity Type

[Calendar year 2015]

Entity type	Number of entities ₁	Total number of ACAS filings	Average number of ACAS filings per entity
Passenger Carriers	11	2,518,699	228,973
Cargo Carriers	4	643,693	160,923
Express Carriers	5	76,395,500	15,279,100
Freight Forwarders	12	1,438,884	119,907
Total	32	80,996,776	2,531,149

ACAS 申報注意事項

- ❖ 6月12號即將實施，時間緊張。
- ❖ 公司內部要瞭解ACAS 規章，制定 SOP
- ❖ 確認提交信息準備，減少錯誤回執。
- ❖ 出貨人、收貨人必須正確，位址必須正確。
品名描述不能太簡化，不要太長，不必要的資訊不需置入，（PO Number）
- ❖ 無論自己申報或給航司申報，盡早準備，提交申報信息。
- ❖ 瞭解DNL，學習如何處理。
- ❖ 最高罰金是五千美金，申報方責任歸屬



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Thank You!

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E-Freight Technology, Inc.