

AVIATION INSURANCE

A IIAH SPONSORED SEMINAR PRESENTED SEPTEMBER 12, 2013 BY

BLAIS AVIATION INSURANCE SERVICES

Two Memorial City Plaza 820 Gessner, Suite 1750 Houston, Texas 77024 713 780-7787 WWW.BLAIS AVIATION.COM

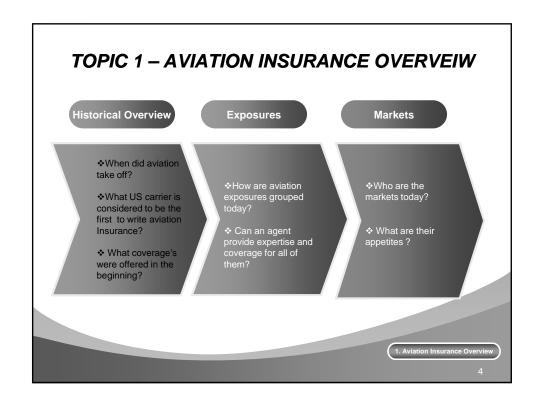


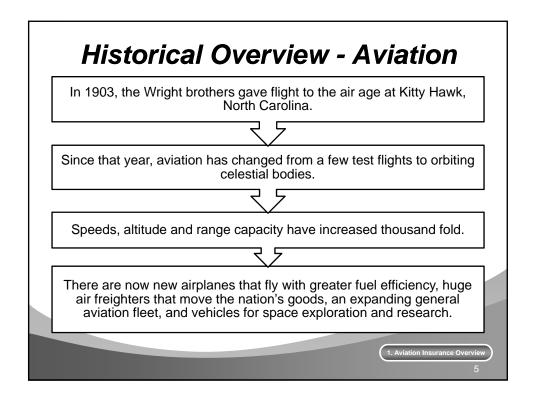
AVIATION SEMINAR GOALS

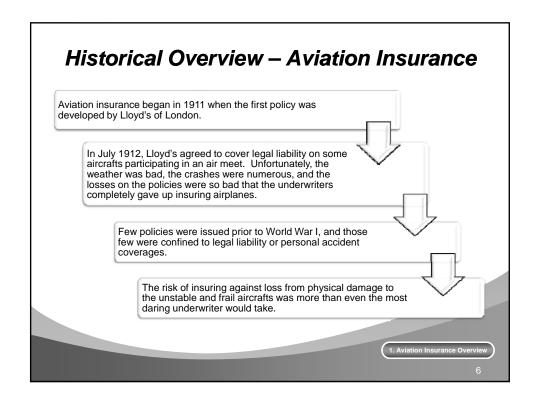
This seminar (sponsored by the Independent Insurance Agents of Houston) is designed to take an individual agent from a basic to an intermediate level of understanding of Aviation insurance. The seminar will cover an overview of the current aviation market conditions in the United States, Lloyds of London, and other international markets, with a particular emphasis on the exposures, coverage, premium factors, claim trends, underwriting requirements and liability requirements and needs. A vast array of exposures will be reviewed such as general aviation, industrial aid, rotor wing, fixed based operators, aviation schools, etc.

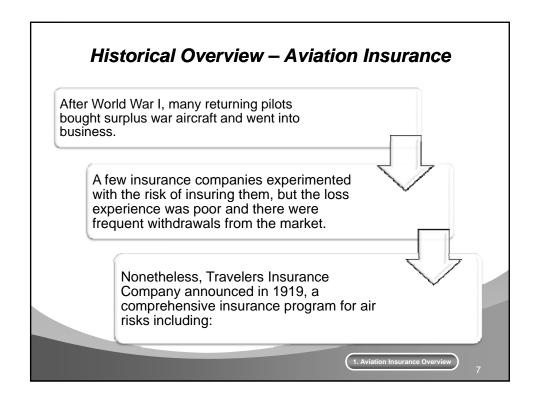


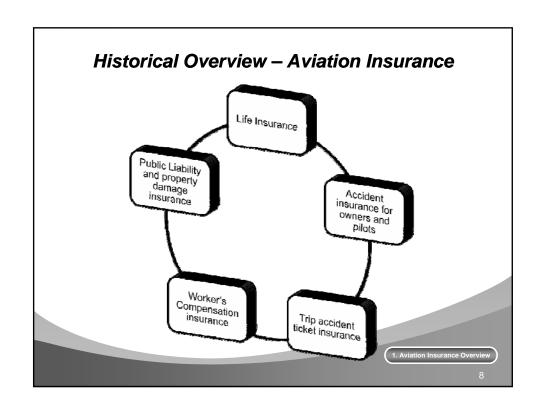


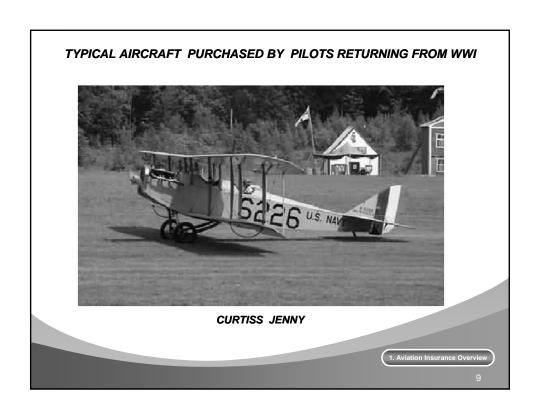


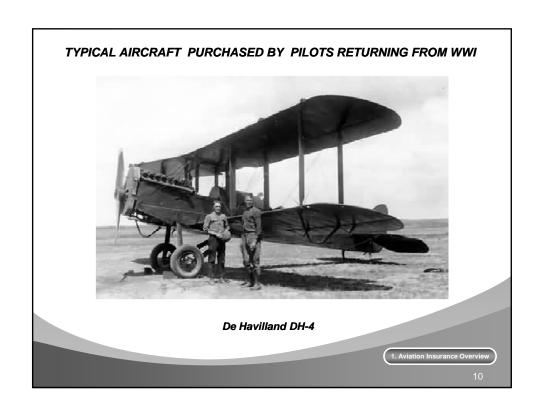




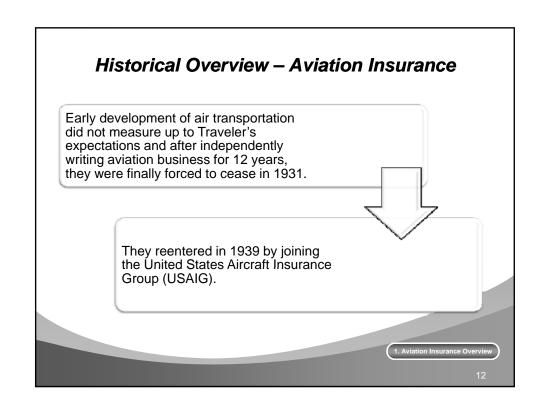


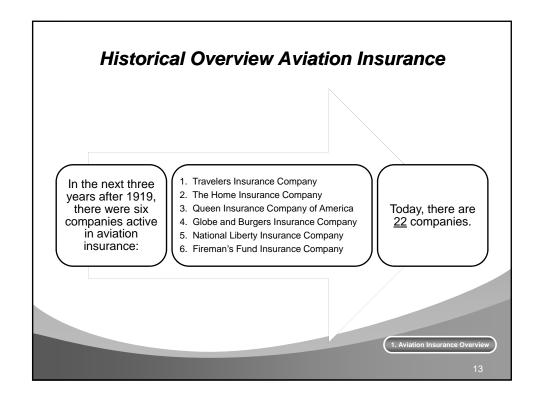


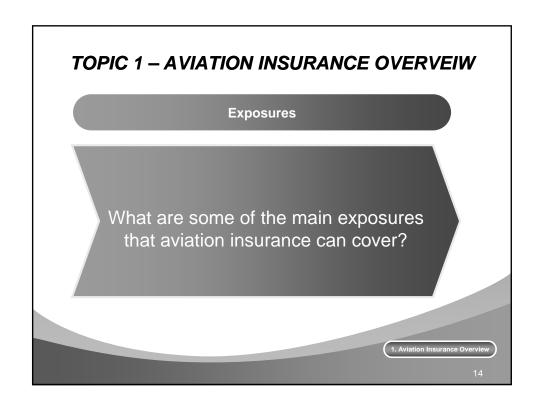












TYPES OF EXPOSURES



INDUSTRIAL AID



PLEASURE & BUSINESS SINGLE ENGINE

1. Aviation Insurance Overview

15

TYPES OF EXPOSURES

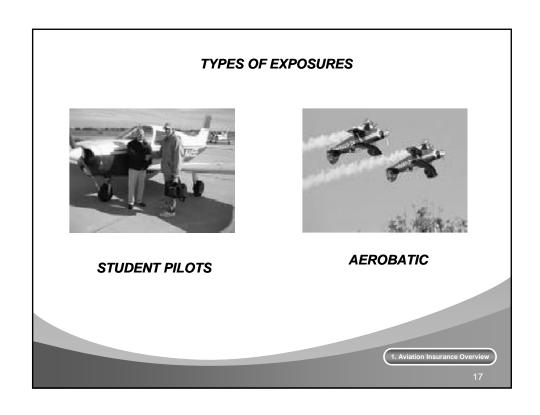


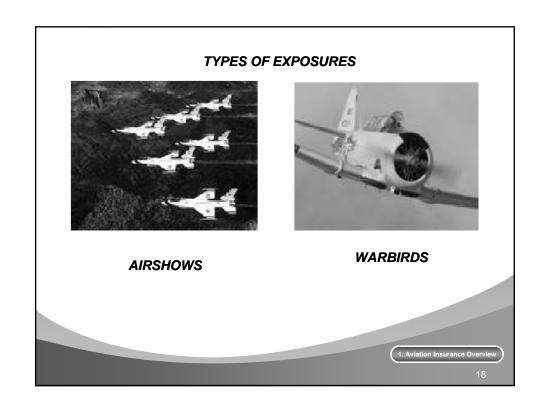
PLEASURE & BUSINESS ROTORWING

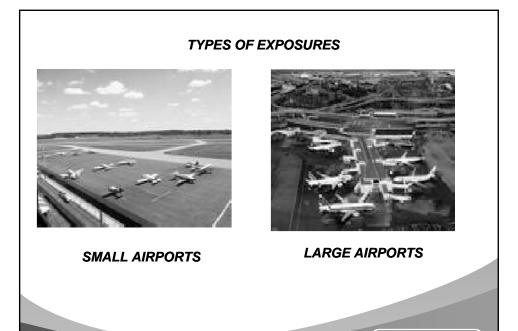


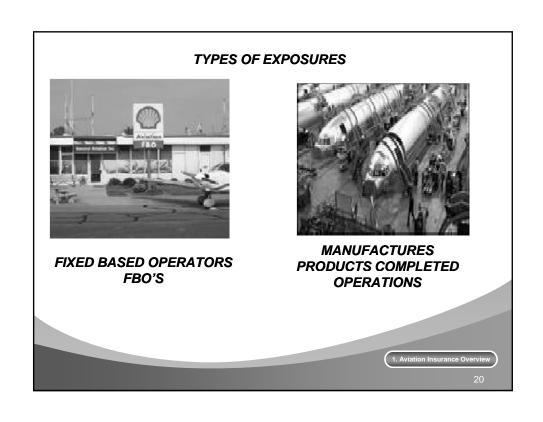
PLEASURE & BUSINESS
MULTI ENGINE

1. Aviation Insurance Overview

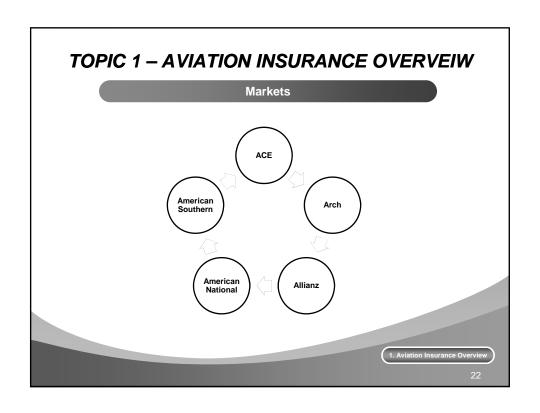


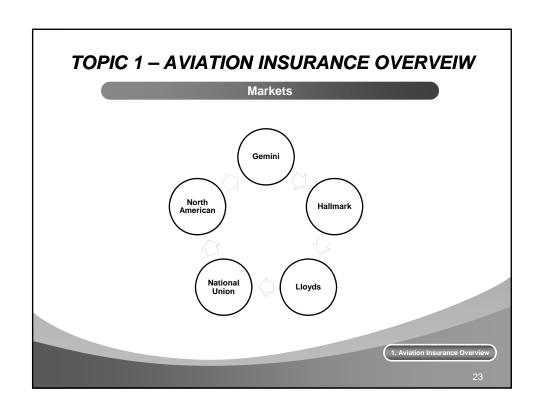


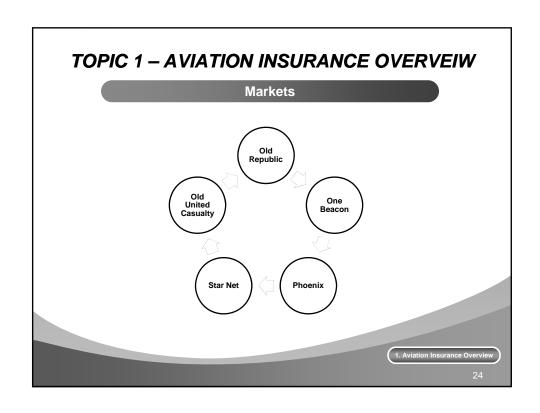


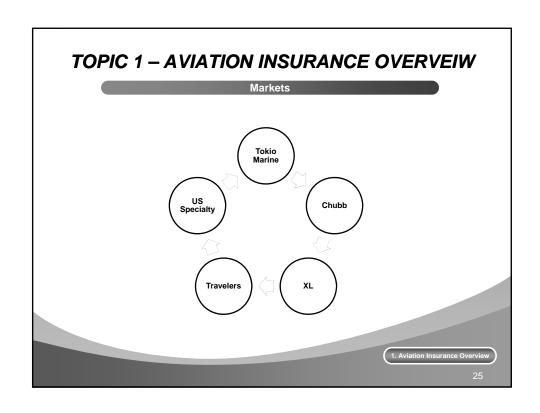


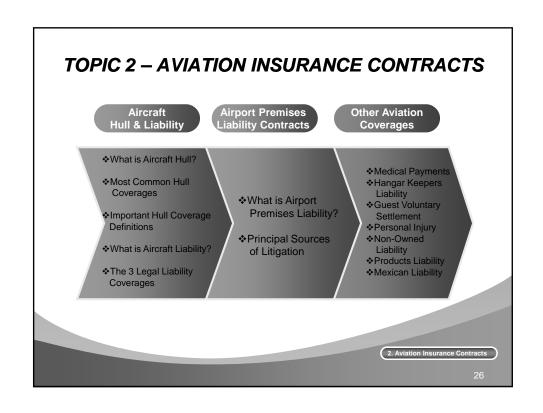


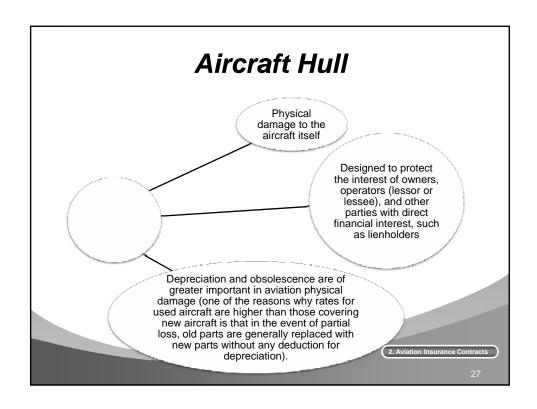


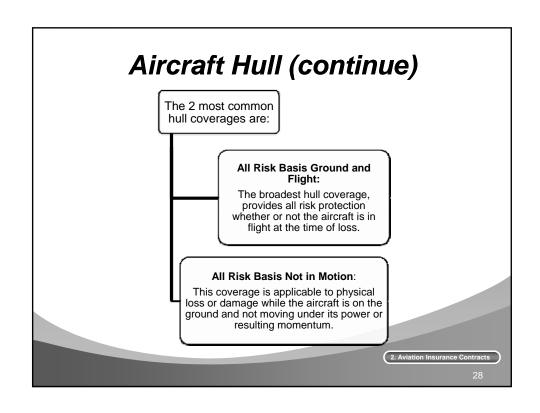












Aircraft Hull (continue) Important Definitions Important Definitions Important Definitions <u>Aircraft</u> – defined as the aircraft or rotorcraft • <u>In Motion</u> – the aircraft is moving under its own • In Flight - the time commencing with the actual takeoff run of the described in the power or the declarations including aircraft and continuing momentum generated the propulsion system thereafter until it has there from or while it is and equipment usually completed its landing in flight and, if the installed in the aircraft, aircraft is a rotorcraft, such as any operating, any time that the rotors navigating, or radio are rotating. equipment.

Aircraft Liability

Provides the policyholder with protection against third-party claims involving bodily injury and property damage because of ownership, maintenance, or use of aircraft.

2. Aviation Insurance Contracts

Aircraft Liability (continued)

3 legal liability coverages are available to the insured, each of which is written subject to its own specific limits of liability:

Bodily Injury excluding Passenger – Protects the insured from liabilities imposed upon by law for damages for bodily injury, sickness, disease, mental anguish, or death suffered by any person or persons, other than passengers, due to an accident arising out of the ownership, maintenance, or use of aircraft specifically described in the policy. Separate per person and per accident limits apply to this coverage.

Passenger Bodily Injury – Applies in the same manner as the coverage previously mentioned, but with respect

only to passengers.

Passengers are defined to include person in, on or boarding the aircraft for the purpose of flying therein or those alighting there from following a flight or an attempted flight. Separate per person and per accident limits apply.

Property Damage – Insures against liability imposed upon the insured by law for damages because of injury to or destruction of property including the loss of use thereof due to an accident arising out of the ownership, maintenance, or use of the aircraft insured. The limit is a single limit express on a per accident basis.

2 Aviation Insurance Contracts

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Airport Premises Liability

Protects the owner or operator of an airport against loss because of legal liability due to maintenance or use of the airport and all operations at or away from the airport.

2. Aviation Insuran

Airport Premises Liability (continue)

Principal sources of litigation may be summarized under two headings:

Aircraft operations such as aircraft accidents, fueling, aircraft in the care, custody or control of the operator, and maintenance and service work.

Premises operations such as automobile parking lots, elevators and escalators, policy and security, slipping and falling, special events, tenants and contractors, and vehicular traffic.

2. Aviation Insurance Contracts

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Other Aviation Coverages

Medical Payments

Available to noncommercial insureds where passenger bodily injury is written.

Provides payment for all reasonable expense of medical, surgical, ambulance, hospital, nursing, and related services and, in the event of death, reasonable funeral expense on behalf of the injured parties while riding in the insured aircraft.

May be written to specifically exclude, or include the pilot and crew members (for a/p)

Payment is made regardless of legal liability and is limited to specific per person and per occurrence limits appearing on the declarations page.

2. Aviation Insurance Contracts

Other Aviation Coverages (continue)

HangarKeepers Liability:

Provides legal liability protection for property damage to non-owned aircraft at the Named Insured's premises and in the care, custody or control of the Named Insured.

2. Aviation Insurance Contracts

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Other Aviation Coverages (continue)

Guest Voluntary Settlement

(more commonly known as admitted liability)

Available to selected noncommercial corporate and business and pleasure risk in conjunction with passenger bodily injury.

Provides that if a guest passenger (or crew member if included) suffers death or injury resulting from dismemberment or loss of sight, a sum up to but not exceeding a stated principle sum be offered to the guest (or crew member) or his survivor.

Payment is made provided that the offer is requested by the Named Insured and that a full release for all bodily injury is obtained from the recipient.

2. Aviatio

Other Aviation Coverages (continue)

Personal Injury

· Provides legal liability protection for false arrest. assault or battery, defamation, libel, slander, and so forth arising out of the operation of the aircraft insured under the policy. It is written on an aggregate basis with a max limit of \$25,000,000.

Non-Owned Aircraft Liability

 Extends basic liability coverage to apply to the use of non-owned aircraft.

Products and Completed Operations

 Liability coverage for sale of products and completed operations hazard available to the supplier of aircraft products and to the airport owner and fixed base operator in relation to the manufacture, sale, and distribution of products; repairs and modifications to aircraft; and performance of services relating to aircraft products.

Mexican Liability Policy

Provides a
 Certificate of
 Insurance required
 by the government
 of Mexico
 evidencing liability
 coverage issued by
 a Mexican
 insurance company
 for operation of the
 insured aircraft in
 Mexico.

2. Aviation Insurance Contracts

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Other Aviation Coverages (continue)

Search and Rescue Expense

• On request, most insurers will extend the hull and liability policy to reimburse the insured up to \$25,000 for search-andrescue efforts, but only after discontinuance of efforts by governmental authorities.

Trip Interruption

Provides reimbursement of expenses incurred for food, lodging, and travel of passengers to complete a given flight to its destination or original departure point if the trip is interrupted or discontinued due to loss covered under the policy.

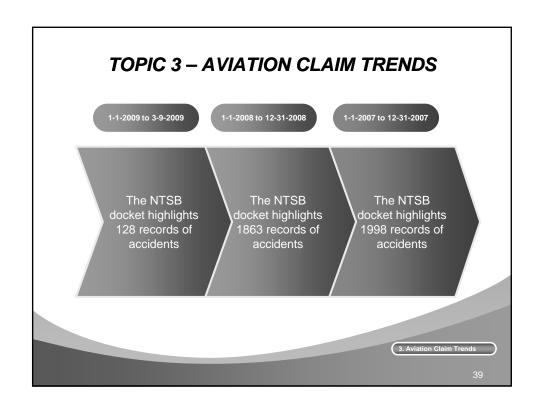
Rental Expense of Temporary Replacement Parts

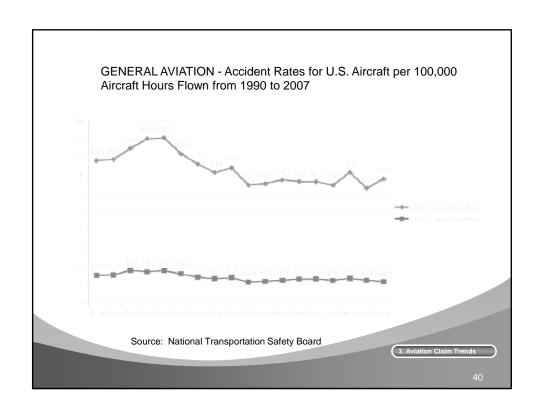
Provides reimbursement of rental costs incurred in renting parts temporarily needed to replace aircraft parts withdrawn from use due to a physical damage loss covered by the policy.

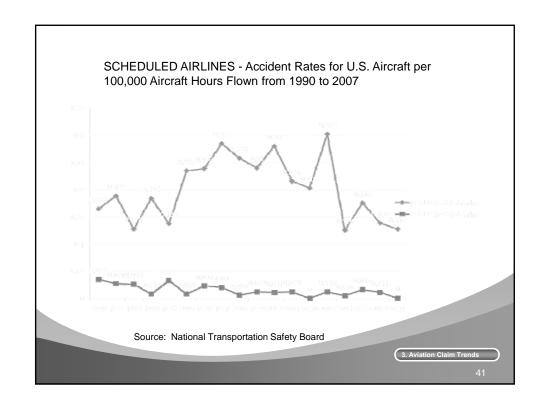
Extra Expense for Substitute Aircraft

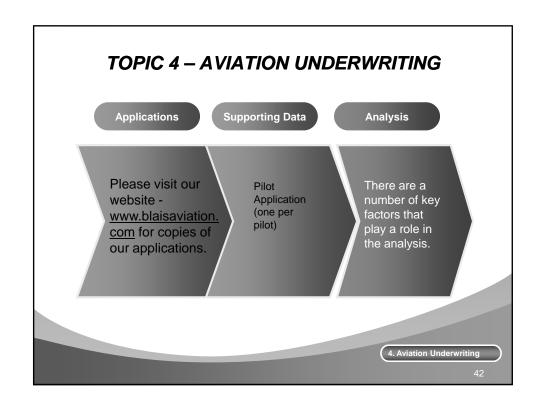
 Extra expense for substitute aircraft provides reimbursement of rental costs incurred in renting or chartering aircraft temporarily needed to replace a specified scheduled aircraft withdrawn from use due to a physical damage loss covered by the policy.

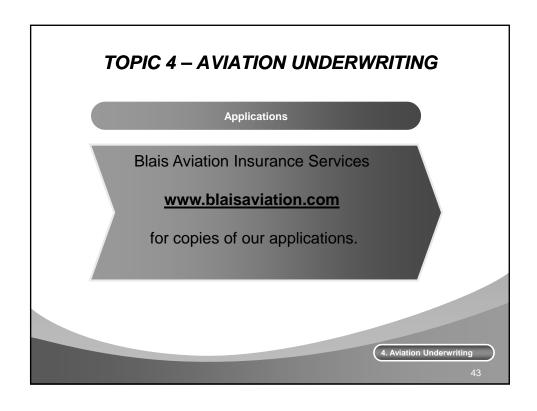
2. Aviation Insurance Contracts

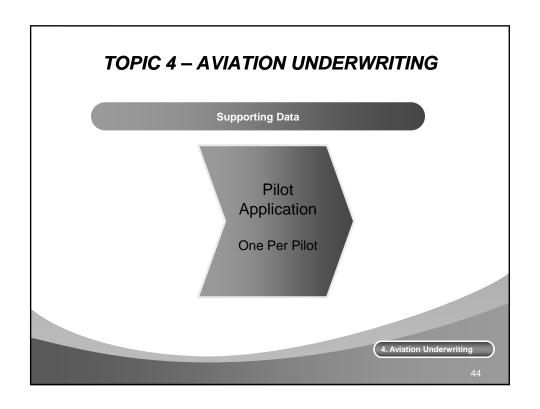








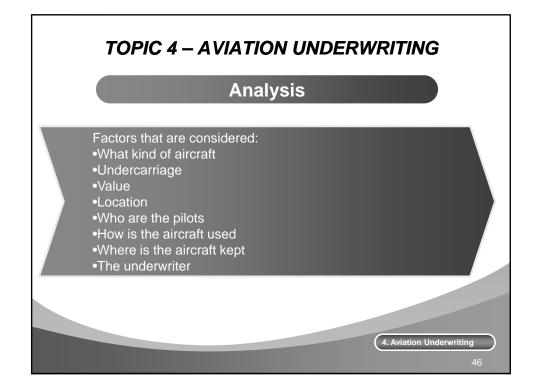


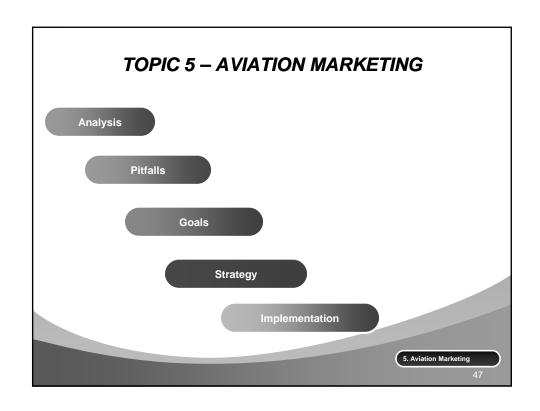


TOPIC 4 – AVIATION UNDERWRITING Analysis

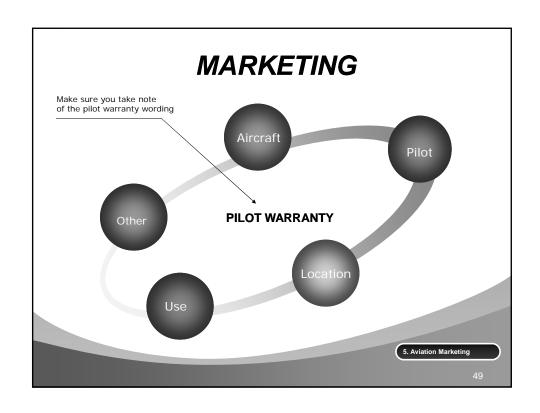
Every aviation insurance underwriter has slightly different guidelines he/she follows to arrive at a rate, but virtually without exception they all take the following into consideration somewhere in their deliberations. Each factor, to the underwriter, represents a change in the chance of an accident or affects his chances of profit from your policy.

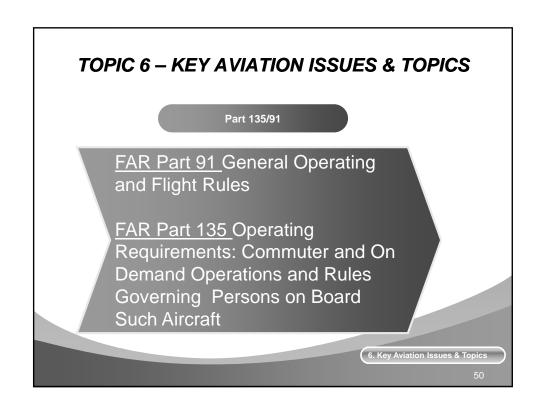
4. Aviation Underwriting

















The Aviation Phonetic Alphabet

CHARACTER	TELEPHONY	PHONIC (PRONUNCIATION)
A	Alfa	(AL-FAH)
В	Bravo	(BRAH-VOH)
С	Charlie	(CHAR-LEE) or (SHAR-LEE)
D	Delta	(DELL-TAH)
Е	Echo	(ECK-OH)

6. Key Aviation Issues & Topics

The Aviation Phonetic Alphabet

CHARACTER	TELEPHONY	PHONIC (PRONUNCIATION)
F	FOXTROT	(FOX-TROT)
G	Golf	(GOLF)
Н	Hotel	(HOH-TEL)
I	India	(IN-DEE-AH)
J	Juliet	(JEW-LEE-ETT)
K	Kilo	(KEY-LOH)

6. Key Aviation Issues & Topics

5!

The Aviation Phonetic Alphabet

CHARACTER	TELEPHONY	PHONIC (PRONUNCIATION)
L	Lima	(LEE-MAH)
M	Mike	(MIKE)
N	November	(NO-VEM-BER)
О	Oscar	(OSS-CAH)
P	Papa	(PAH-PAH)

6. Key Aviation Issues & Topics

The Aviation Phonetic Alphabet

CHARACTER	TELEPHONY	PHONIC (PRONUNCIATION)
Q	Quebec	(KEH-BECK)
R	Romeo	(ROW-ME-OH)
S	Sierra	(SEE-AIR-RAH)
Т	Tango	(TANG-GO)
U	Uniform	(YOU-NEE-FORM) or (OO-NEE-FORM)

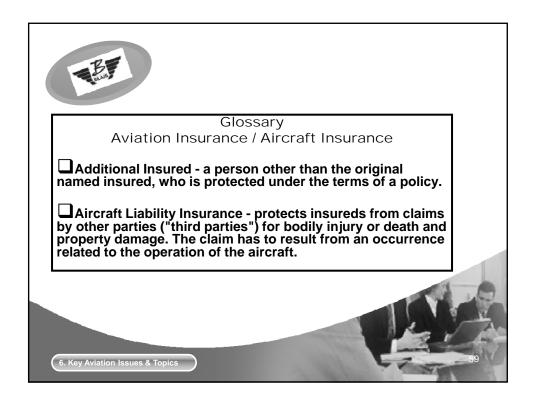
6. Key Aviation Issues & Topics

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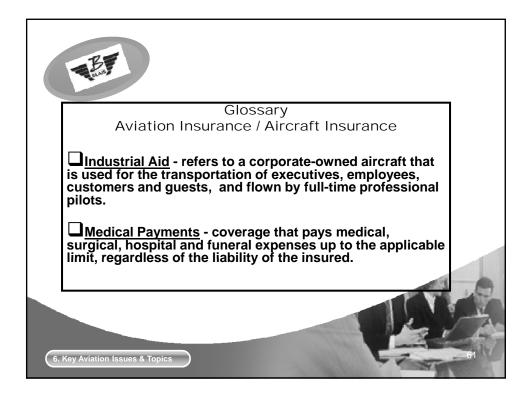
The Aviation Phonetic Alphabet

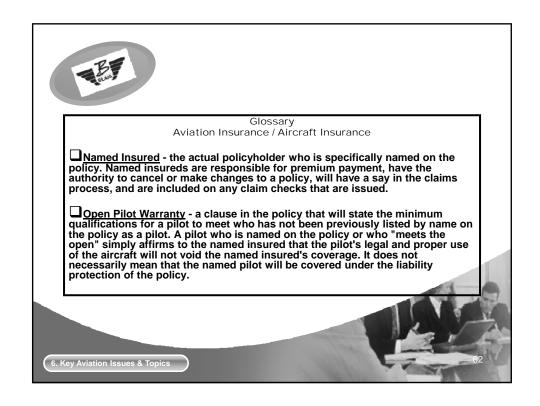
CHARACTER	TELEPHONY	PHONIC (PRONUNCIATION)
V	Victor	(VIK-TAH)
W	Whiskey	(WISS-KEY)
X	X ray	(ECKS-RAY)
Y	Yankee	(YANK-KEY)
Z	Zulu	(ZOO-LOO)

6. Key Aviation Issues & Topics

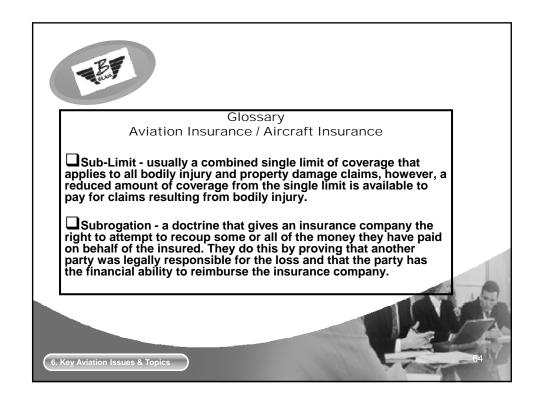












AVIATION ABBREVIATIONS

The following abbreviations are found in aviation insurance applications, policies, aircraft advertisements, manuals and pilot operating handbooks.

Insurance abbreviations Page 1 of 11

AMES - Aircraft multi engine, sea

ASES - Aircraft single engine, sea

ATP - Airline Transport Pilot

BFR - Biannual flight review

C - Commercial license

CFI - Certified flight instructor

CFII - Certified flight instructor, instrument

Conv - Conventional landing gear with tail wheel

Dual – training given by a qualified instructor

6. Key Aviation Issues & Topics

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AVIATION ABBREVIATIONS

The following abbreviations are found in aviation insurance applications, policies, aircraft advertisements, manuals and pilot operating handbooks.

Insurance abbreviations Page 2 of 11

Fixed - non-retractable landing gear

Fixed tri - Fixed tri-cycle landing gear

FR - Flight review

G & F – ground and flight

GNIM - ground not in motion

GNIF - Ground not in flight

G & T - Ground and taxi

Heli - helicopter or rotor wing

Hr - Hours

6. Key Aviation Issues & Topics

AVIATION ABBREVIATIONS

The following abbreviations are found in aviation insurance applications, policies, aircraft advertisements, manuals and pilot operating handbooks.

Insurance abbreviations Page 3 of 11

I - Instrument rated IFR - Instrument rated ICC - Instrument competency check IPC - Instrument proficiency check M - multi engine Med - medical payments Med pay - medical payments ME – Multi engine MEL - Multi engine land MEI - Multi engine instructor MM - Make and model M & M - Make and model

AVIATION ABBREVIATIONS

The following abbreviations are found in aviation insurance applications, policies, aircraft advertisements, manuals and pilot operating handbooks.

Insurance abbreviations Page 4 of 11

OPW - Open pilot warranty P – Private license Pax - Passengers PIC - Pilot in command RG - Retractable gear Rotor - Helicopter or rotorcraft RW – Rotor wing SE – Single engine SEL - Single engine land SES - Single engine sea

SIC - Second in command

Solo - no passengers or flight instructor in aircraft

AVIATION ABBREVIATIONS

The following abbreviations are found in aviation insurance applications, policies, aircraft advertisements, manuals and pilot operating handbooks.

Insurance abbreviations Page 5 of 11

TO – Take off
TO & L – Take off and landings
TRI – Tri-gear
TW – Tailwheel
TT – Total time
TTL – Total time logged

6. Key Aviation Issues & Topics

6

AIRCRAFT ABBREVIATION Page 6 OF 11

OSFRM - zero time since a factory remanufacture
OSMOH - Zero time since major engine overhaul
FWF - Firewall forward
MDH - major damage history
NDH - No damage history

6. Key Aviation Issues & Topics

'n

AIRCRAFT ABBREVIATION Page 7 OF 11

SCMOH - Since chrome cylinder major overhaul
SFRM - Since factory remanufacture
SMOH - Since major engine overhaul
SOH - since engine overhaul (not necessarily a major)
SPOH - Since prop overhaul
STOH - Since top overhaul (pistons, cylinders and valve train)

6. Key Aviation Issues & Topics

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AIRCRAFT ABBREVIATION Page 8 of 11

TBO - Time between overhauls (factory recommendations)

TT - Total time

TTA - Total time on the airframe

TTAE - Total time on the airframe and engine

TTE - Total time on the engine TTSN - Total time since new

6 Key Aviation Issues & Tonics

AIRCRAFT PERFORMANCE AND SPECIFICATION ABBREVIATIONS Page 9 of 11

6. Key Aviation Issues & Topics

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AIRCRAFT PERFORMANCE AND SPECIFICATION ABBREVIATIONS Page 10 of 11

Gen - Generator
GPH - Gallons per hour MPH - Miles per hour
HP - Horsepower of engine
KTS - Knots (1 knot = 1.151 statue miles per hour, or 1852 kilometers per hour)
L/R - Long-range fuel
NM - Nautical mile = approximately 6,080 ft.
Oct. - Octane rating of fuel.

6. Key Aviation Issues & Topics

AIRCRAFT PERFORMANCE AND SPECIFICATION ABBREVIATIONS Page 11 of 11

PSI - Pounds per square inch (tire and strut pressure)
Ret. tri gear - Retractable tricycle landing gear with a nose wheel
ROC - Rate of climb
SM - Statue mile = 5,280 ft.
Sq. Ft. - Square feet regarding wing area.
STD - Standard fuel
V - Volts
Vis - Viscosity of oil

6. Key Aviation Issues & Topics

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TOPIC 7 – COMMON QUESTIONS

Why are contracts relating to my aircraft important from an insurance perspective?

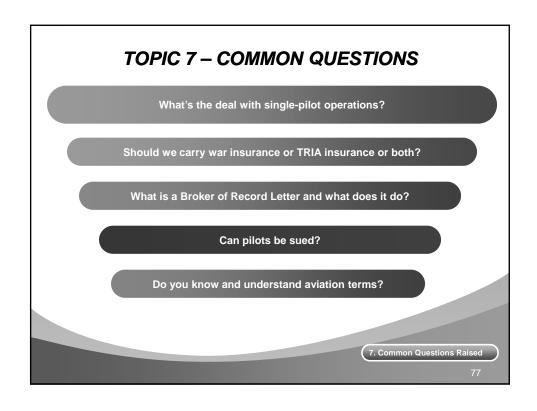
How much liability coverage is enough?

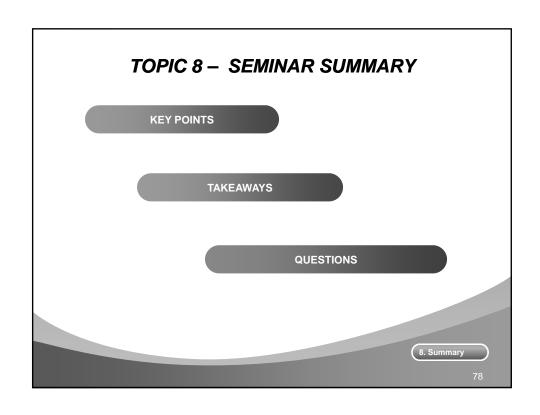
How do I determine the proper insured value for my aircraft?

How do I determine the proper insured value for my aircraft?

What measures can I take to improve my aviation insurance program?

7. Common Questions Raised







BREAK 10 MINUTES

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HANDOUTS

- 1. Aviation Accident Reports NTSB
- 2. Sample GA Quote
- 3. Sample Industrial Aid Quote
- 4. Cirrus Accident Report (Cory Lidle New York Yankees)
- 5. Top Ten Aviation Questions
- 6. Insurance for Non Owned Aircraft
- 7. Aviation Insurance Premiums
- 8. Aviation Markets Cross Reference
- 9. Crash Probe Article
- 10. Sample Aviation Application
- 11. Runway & Taxiway Signs
- 12. Frequently Asked Aviation Questions
- 13. Aviation Alphabet