SKANDIA

Making Aircraft Quieter,
Safer and More Comfortable



Soundproofing Solutions from Skandia

The Greatest Sound of all is Silence

A **QUIET AIRCRAFT** MEANS A QUIET JOURNEY.

A QUIET JOURNEY MEANS YOU **ARRIVE FRESH AND WITHOUT TRAVEL FATIGUE.**

A JOURNEY WITHOUT TRAVEL FATIGUE MEANS YOU TRAVELED IN A **QUIET AIRCRAFT.**

QUIET AIRCRAFT



SILENCE
STARTS WITH
SKANDIA

QUIET JOURNEY

AIRCRAFT SOUNDPROOFING SOLUTIONS

THE FASTEST WAY TO JUDGE THE QUALITY OF AN INTERIOR COMPLETION IS BY HOW QUIET IT IS. FOR OVER 30 YEARS, WE'VE BEEN LISTENING TO WHAT OUR CUSTOMERS WANT AND THEN CREATING ACOUSTICS SOLUTIONS THAT KEEP NOISE AND VIBRATION TO A WHISPER. IN FACT, OUR SOUNDPROOFING SOLUTIONS ARE THE TALK OF THE AVIATION INDUSTRY. YOU JUST CAN'T HEAR IT.



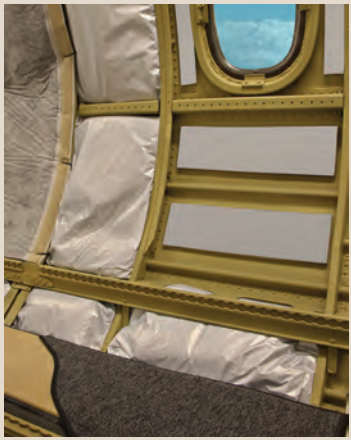
SKANDIA CAN PERFORM AN IN-FLIGHT ACOUSTICAL ANALYSIS OF YOUR CABIN'S SOUND LEVELS TO CUSTOMIZE THE BEST SOLUTION FOR YOUR AIRCRAFT.

SKANDIA

CUSTOMIZED SOUNDPROOFING SOLUTIONS

EVERYTHING YOU NEED CUSTOMIZED IN A SINGLE PACKAGE

SKANDIA'S CUSTOMIZED COMPREHENSIVE SOLUTIONS PROVIDE OUR CUSTOMERS WITH A SINGLE TURN-KEY SYSTEM OF ALL NECESSARY SOUNDPROOFING COMPONENTS FOR THE VVIP, OEM AND REFURBISHMENT MARKETS.



BEGIN BY LISTENING

SKANDIA CAN PROVIDE AN IN-FLIGHT ACOUSTICAL ANALYSIS OF YOUR CABIN'S SOUND LEVELS TO CUSTOMIZE THE BEST SOLUTION FOR YOUR AIRCRAFT.

THE SOLUTION STARTS WITH THE FINEST MATERIALS

RADIANT PANEL CERTIFIED THERMAL & ACOUSTIC MATERIALS

SKANDIA MANUFACTURES A COMPREHENSIVE SELECTION OF AIRCRAFT THERMAL/ACOUSTIC MATERIALS INCLUDING INSULATION STRIP BLANKETS, OVERFRAME BLANKETS AND CARPET PADDING.

ALL SKANDIA SOUNDPROOFING SOLUTIONS MEET THE RADIANT PANEL FLAMMABILITY TEST FOR PART 25 AIRCRAFT, 14 CFR 25.856(A).

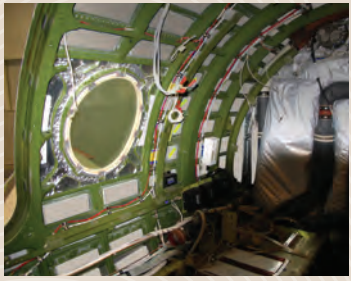
SKANDIA HAS COMPLETE SOUNDPROOFING SYSTEMS FOR MORE THAN 80 DIFFERENT AIRCRAFT MODELS.



FROM A TEAM YOU CAN TRUST

SKANDIA IS A LEADING AIRCRAFT INTERIORS SPECIALIST, PROVIDING INNOVATIVE PRODUCT AND EXPERT SERVICES TO THE AVIATION INDUSTRY SINCE 1983.

ALL DIVISIONS ARE SUPPORTED BY AN IN-HOUSE TEAM OF DERS AND DARS THAT EFFICIENTLY RESPOND TO OUR DIVERSE CUSTOMER BASE INCLUDING MAJOR OEMS, COMPLETION AND MODIFICATION CENTERS, AS WELL AS PRIVATE AIRCRAFT OWNERS AND UPHOLSTERY SHOPS.



TAKE ADVANTAGE OF SKANDIA'S ENGINEERED APPROACH AND APPLICATIONS EXPERIENCE TO MEET YOUR GOALS.

DATA DICTATES DESIGN

THERMAL/ACOUSTIC SYSTEMS WITH MAXIMUM NOISE REDUCTION + MINIMAL WEIGHT

IN SOUNDPROOFING ENGINEERING, SKANDIA COMBINES THE LATEST TECHNOLOGICAL ADVANCEMENTS AND INNOVATION TO REDUCE WEIGHT AND MAXIMIZE PERFORMANCE.

DATA DICTATES DESIGN

UTILIZING STATE-OF-THE-ART EQUIPMENT, SKANDIA ENGINEERS PERFORM SOUND FREQUENCY TESTS IN ORDER TO ESTABLISH AN AIRCRAFT'S UNIQUE ACOUSTICAL SIGNATURE WHILE AT CRUISE SPEED AND ALTITUDE.

OUR ENGINEERING PROCESS TREATS BOTH AIRBORNE AND STRUCTURAL-BORNE SOUND

EACH SKANDIA SOUNDPROOFING SOLUTIONS IS AN EFFICIENT SYSTEM OF MATERIALS INCORPORATING DAMPING, ABSORPTION, AND BARRIER MATERIALS TO EFFECTIVELY TREAT ALL SOUND SOURCES. EACH APPLICATION IS ENGINEERED WITH PROVEN AND RELIABLE MATERIALS, ALL DELIVERED WITH FLAMMABILITY CERTIFICATION.

BY COMBINING ENGINEERING ANALYSIS WITH THE MOST EFFECTIVE MATERIALS AVAILABLE, SKANDIA DELIVERS SIGNIFICANT, QUALIFIED RESULTS.





SKANDIA

SKANDIA CAN PROVIDE AN IN-FLIGHT ACOUSTICAL ANALYSIS OF YOUR CABIN'S SOUND LEVELS TO CUSTOMIZE THE BEST SOLUTION FOR YOUR AIRCRAFT.

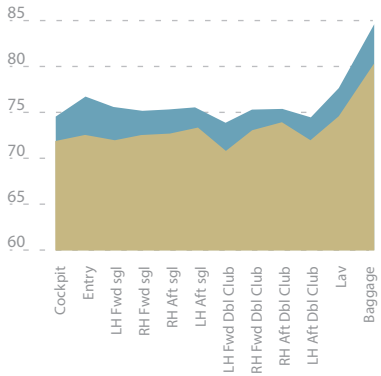
TEST DATA. PROVEN RESULTS

dB BEFORE

dB AFTER

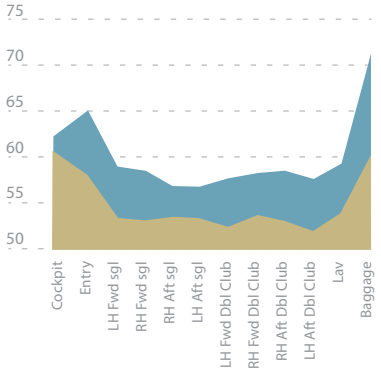
FALCON 2000
FL360 .82 MACH

dB (A) ADJUSTED SOUND LEVEL
IN DECIBELS



dB(A) Reduction: 2.1

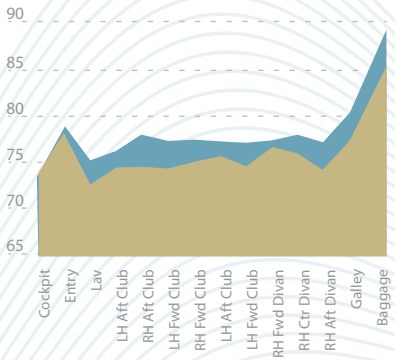
dB (SIL) SOUND INTENSITY LEVEL
IN DECIBELS



dB(SIL) Reduction: 5.0

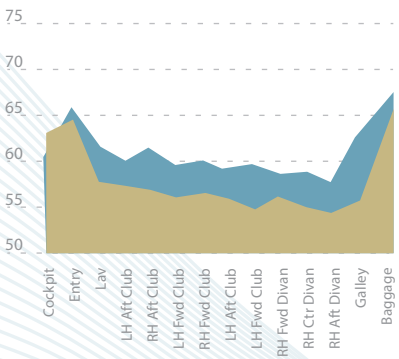
CHALLENGER 601
FL370 .78 MACH

dB (A) ADJUSTED SOUND LEVEL
IN DECIBELS



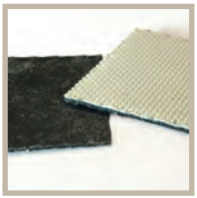
dB(A) Reduction: 2.2

dB (SIL) SOUND INTENSITY LEVEL
IN DECIBELS



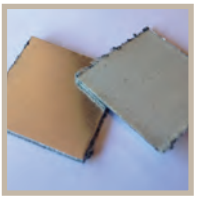
dB(SIL) Reduction: 3.3

SKANDIA



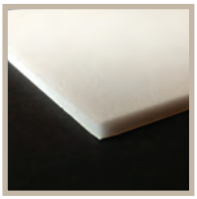
AERODAMP SK-8240PSA

HIGH PERFORMANCE VIBRATION DAMPING MATERIAL WITH PRESSURE SENSITIVE ADHESIVE; TYPICALLY USED FOR TRIM PANEL DAMPING.



AERODAMP SK-8240FPSA

EFFECTIVE AT REDUCING AIRBORNE SOUND GENERATED BY THE VIBRATION THROUGHOUT THE CABIN.



AEROCELLFOAM SK-13200

LIGHTWEIGHT, OPEN CELL FOAM WITH EXCEPTIONAL SOUND ABSORPTION. GOOD THERMAL PROPERTIES WITH NO FIBERS. CUSTOM CUT.



AEROLITE AL73

EXCELLENT FOR HEADLINER AND TRIM PANEL APPLICATIONS AND ACOUSTIC ABSORPTION.

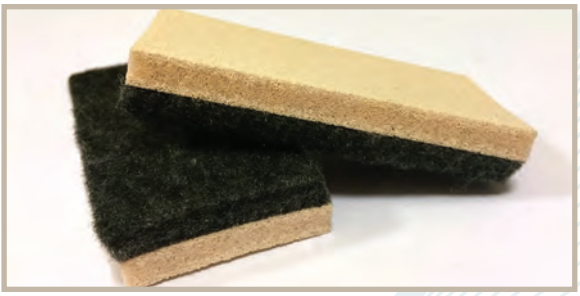


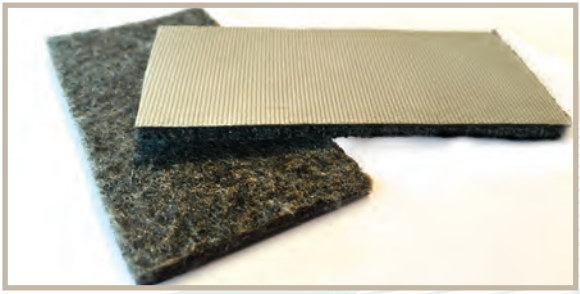
AEROTHERM SK-7000

PROVIDES THERMAL/ ACOUSTIC INSULATION. REINFORCED FILM RESISTS ABRASION, MOISTURE, AND CONTAMINANTS. LIGHTWEIGHT, WATER-REPELLENT AND FIRE-RETARDANT.

AEROLITE CARPET PAD SK-7348

A DURABLE PAD THAT PROVIDES BOTH THERMAL AND ACOUSTIC FLOOR LEVEL INSULATION. ALSO INCREASING LEVELS OF ACOUSTIC ABSORPTION, SOUND TRANSMISSION LOSS, THERMAL INSULATION AND CUSHIONING EFFECT.





AEROBLANKET SK-8013/8014

OVERFRAME BLANKET USED TO CLOSEOUT THE INSULATION AND PREVENT A DIRECT PATH FOR SOUND AND COLD INTO THE AIRCRAFT CABIN. HIGHLY EFFECTIVE IN REDUCING SOUND LEVELS.



SKANDIA

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ISO 17025 ACCREDITED LABORATORY

AS 9100

ISO 9001