Sonic Boom Tests Fail To Win Any Boosters

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concerned, years of familiarity no significant difference in the noxiousness of one plane's will not produce affection.

was scorned by the experts. booms were of equal strength. Yesterday, the Government It had been hoped that airpublished it after pelting 393 craft design refinements could volunteers with 331 booms of render some booms less irriwide-ranging intensity and tating than others, even at the studying the subjects' reac-same strength.

two test groups-residents of local airports, the Port of New Edwards Air Force Base, York Authority came up with Calif., who had been exposed to four to eight booms per day "perceived noise decibel" or for the past two years, and PNDB, which measures not citizens of Redlands and Fon- just the intensity of sound but tana, Calif., who were unfamil-its subjective irritability. Jetliiar with the boom.

laid down a boom of precisely the same strength expected PNDB. from supersonic transports of listeners called the shock as irritating as jet-liner noise wave irritating. The compara-ble figure in the novice group Said the report: "Noises havwas 39 per cent.

per cent of the Edwards resi- rectly under the flight path of dents found booms of SST a turbofan aircraft at an altistrength to be irritating, tude of 300 or 600 feet."

Among novices the figure

The same group found the climbed to 40 per cent.

itary aircraft boomed the Air dents found it tolerable when Force's highly instrumented, inside or outside their "typiexperimental village at Ed-cal" test house.

Insofar as sonic booms are wards AFB. Subjects reported boom as opposed to the boom Heretofore, this conclusion of another, so long as the

In setting a ceiling on the Volunteers were split into noise jetliners could make at ners operating through New A delta-wing B-58 bomber York Port Authority airports cannot generate more than 112

Subjects unfamiliar with airthe future. When outdoors, 33 craft noises, when indoors, per cent of the veteran boom- found the SST-strength booms ing these PNDB values would When queried indoors, 27 be generated on the ground di-

boom tolerable when outdoors, Five types of supersonic mil-while the Edwards AFB resi-