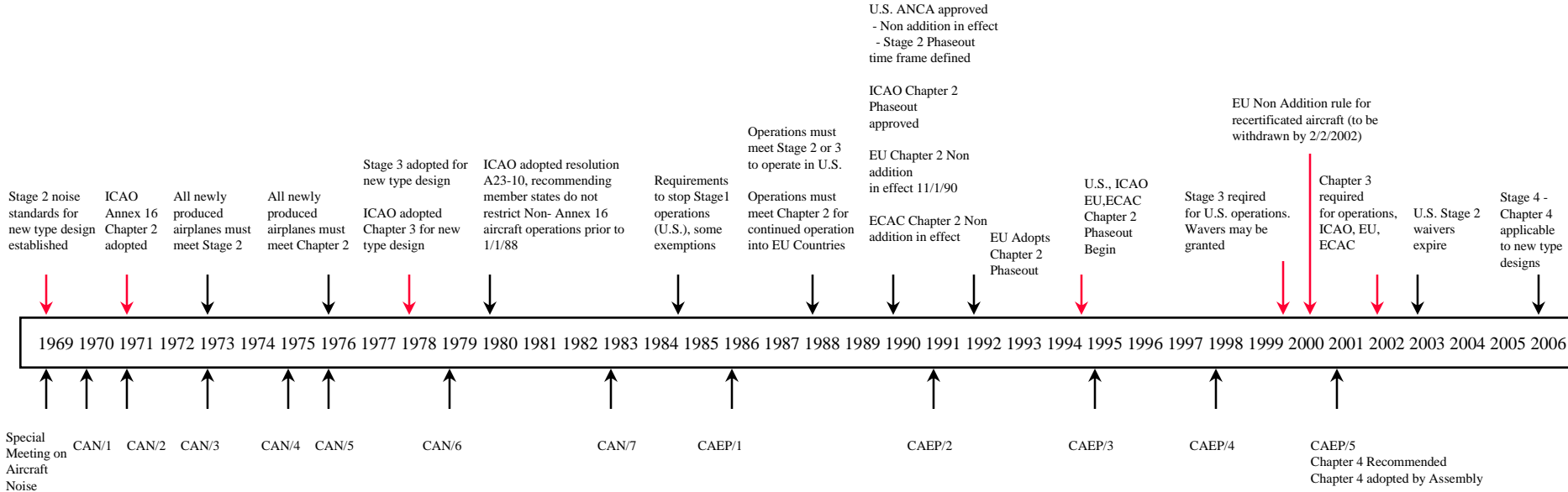


Timeline of Aircraft Noise Certification and Phaseout Rules



Special Meeting on Aircraft Noise

CAN/1 CAN/2 CAN/3 CAN/4 CAN/5 CAN/6 CAN/7 CAEP/1 CAEP/2 CAEP/3 CAEP/4 CAEP/5 Chapter 4 Recommended Chapter 4 adopted by Assembly

CAN 1
Noise cert. of future production & derived versions of subsonic jet aeroplanes & updating of terminology used to describe aircraft weight

CAN 3
Noise cert. of light props and subsonic jet aeroplanes of 5700 kg & less max. cert. t/o weight & guidance on discharge of functions by States in the cases of lease, charter & interchange of aircraft

CAN 4
Noise cert. standards for future subsonic jet aeroplanes and propeller driven aeroplanes and guidelines for noise cert. of future supersonic aeroplanes, propeller driven STOL aeroplanes and associated aircraft systems when operating on the ground

CAN 5
Intro of a new parameter viz, number of engines in noise cert. standards for subsonic jet aeroplanes, improvements in detailed test procedures to insure same level of technology is applied to all types of aircraft

CAN 6
Introduction of noise standards for helicopters and future production of SST, updating of guidelines for noise cert. of installed APU and associated aircraft systems.

CAN 7
Improvements in the noise cert. procedures, relaxation of max noise limits for helicopters

CAEP/1
Further improvements in noise cert. procedures. Intro Ch. 10 propeller a/p <9,000 kg max t/o

CAEP/2
Improvements in the noise cert. procedures. Intro of Ch. 11 - light helicopters and repl. Appx 4

CAEP/3
Simplification & clarification of noise cert. schemes in Ch. 3 for propeller a/p. Harmonization of helo standards in Ch8 and 11 with national codes. Alignment of t/o mass in Ch 10 with airworthiness limits

CAEP/4
Increase Stringency for Ch10 small propeller aeroplanes. Started task to develop ICAO noise database and to review stringency for Ch3 heavy propeller and jet aeroplanes. Emissions stringency passed

CAEP/5
Recommended increase Stringency - a cumulative margin of 10 dB relative to Chapter 3, minimum sum of 2 dB at any two conditions, no trades allowed. Proposed applicability Jan. 1, 2006. New standard will be Chapter 4 in Annex 16 (Approved at the Sept. 2001 Assembly meeting)

Timeline and Major Work Programs of CAEP