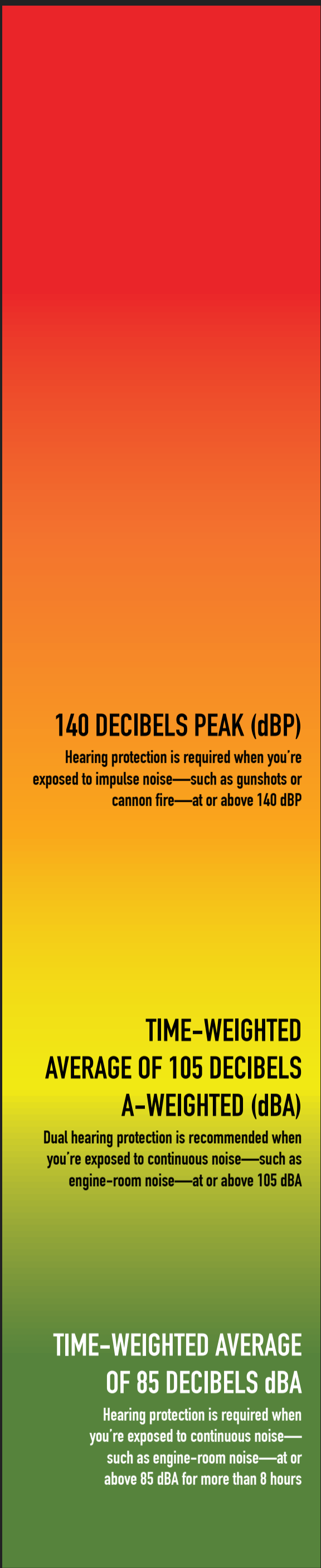




DECIBEL SCALE

200
195
190
185
180
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
95
90
85
80
75



140 DECIBELS PEAK (dBP)

Hearing protection is required when you're exposed to impulse noise—such as gunshots or cannon fire—at or above 140 dBP

TIME-WEIGHTED AVERAGE OF 105 DECIBELS A-WEIGHTED (dBA)

Dual hearing protection is recommended when you're exposed to continuous noise—such as engine-room noise—at or above 105 dBA

TIME-WEIGHTED AVERAGE OF 85 DECIBELS dBA

Hearing protection is required when you're exposed to continuous noise—such as engine-room noise—at or above 85 dBA for more than 8 hours



M119 105 MM TOWED HOWITZER AT GUNNER'S POSITION

183 dBP

REQUIRED REDUCTION TO REACH 140 dBP

43 dB

SUGGESTED EAR-PRO
Dual ear-pro: Foam ear plugs with over-ear muffs



M2 .50 CAL MACHINE GUN AT GUNNER'S POSITION

155 dBP

REQUIRED REDUCTION TO REACH 140 dBP

15 dB

SUGGESTED EAR-PRO
Push-to-fit or foam ear plugs
Dual ear-pro recommended when firing for extended periods of time



M16 RIFLE FROM 4.5 M AWAY

155 dBP

REQUIRED REDUCTION TO REACH 140 dBP

15 dB

SUGGESTED EAR-PRO
Push-to-fit or foam ear plugs
Dual ear-pro recommended when firing for extended periods of time



F/A-18 HORNET CARRIER LAUNCH FROM FLIGHT DECK

138-152 dBA

REQUIRED REDUCTION TO REACH 85 dBA

53-67 dB

SUGGESTED EAR-PRO
Dual ear-pro: Foam ear plugs with over-ear muffs



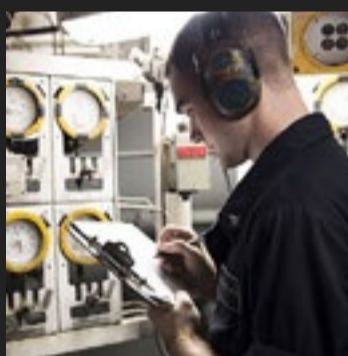
M1 ABRAMS TANK FROM INSIDE

93-117 dBA

REQUIRED REDUCTION TO REACH 85 dBA

8-32 dB

SUGGESTED EAR-PRO
Over-ear muffs
Dual ear-pro recommended when moving



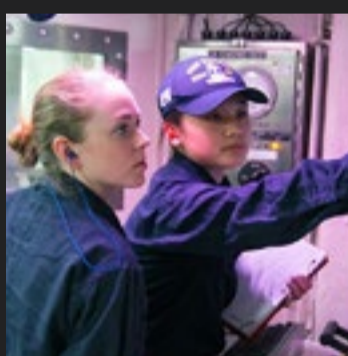
SHIP ENGINE ROOM UNDERWAY

86-105 dBA

REQUIRED REDUCTION TO REACH 85 dBA

1-20 dB

SUGGESTED EAR-PRO
Over-ear muffs
Dual ear-pro recommended for larger ship classes



SHIP ENGINE ROOM AT IDLE

85 dBA

SUGGESTED EAR-PRO

Over-ear muffs
Ear-pro recommended since noise levels can vary based on your environment

NOTE: Noise ratings for military equipment are approximate and will vary based on weapon or vehicle type, ship class, time spent on firing range, etc.



DISPOSABLE FOAM EAR PLUGS

APPROXIMATE DECIBEL REDUCTION RATING
25-35 dB



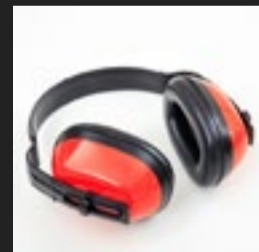
PUSH-TO-FIT EAR PLUGS

APPROXIMATE DECIBEL REDUCTION RATING
12-35 dB



REUSABLE EAR PLUGS

APPROXIMATE DECIBEL REDUCTION RATING
12-35 dB



OVER-EAR MUFFS

APPROXIMATE DECIBEL REDUCTION RATING
15-35 dB

NOISE REDUCTION CAN VARY IF STRAP IS WORN OVERHEAD OR BEHND YOUR HEAD

SOME MODELS CAN PLUG INTO YOUR COMMS TOO, SO YOU CAN LISTEN WITHOUT HAVING TO REMOVE YOUR EAR-PRO

DUAL EAR-PRO: EAR PLUGS WITH OVER-EAR MUFFS

APPROXIMATE DECIBEL REDUCTION RATING ADD

5 dB

TO YOUR EAR-PRO WITH THE HIGHEST RATING

EXAMPLE: 25 dB PUSH-TO-FIT EAR PLUGS WITH 30 dB OVER-EAR MUFFS PROVIDE 35 dB NOISE REDUCTION

NOTE: Decibel reduction ratings are approximate and can vary based on specific type and manufacturer.