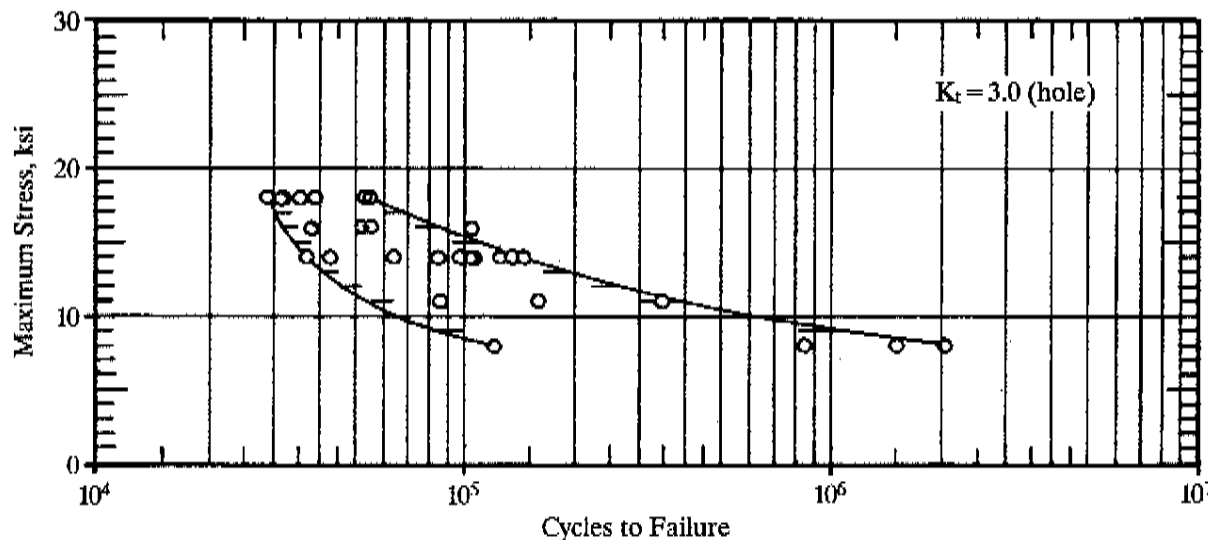


240-384-7806 Dave

***** [REDACTED] *****

7 FATIGUE PROPERTIES

Material	A357.0
Specification	MIL-A-21180
Form	Castings
Temper	-T6



Test conditions:
 Environment: 45% R.H.
 Test temperature: 70°F
 Stress ratio: R = 0.06
 Testing frequency: 1800 cpm

NOTE
 THESE DATA NOT FOR USE WITH
 COMMERCIAL AIRPLANE
 DURABILITY OR DAMAGE
 TOLERANCE ANALYSIS METHODS -
 SEE [REDACTED]

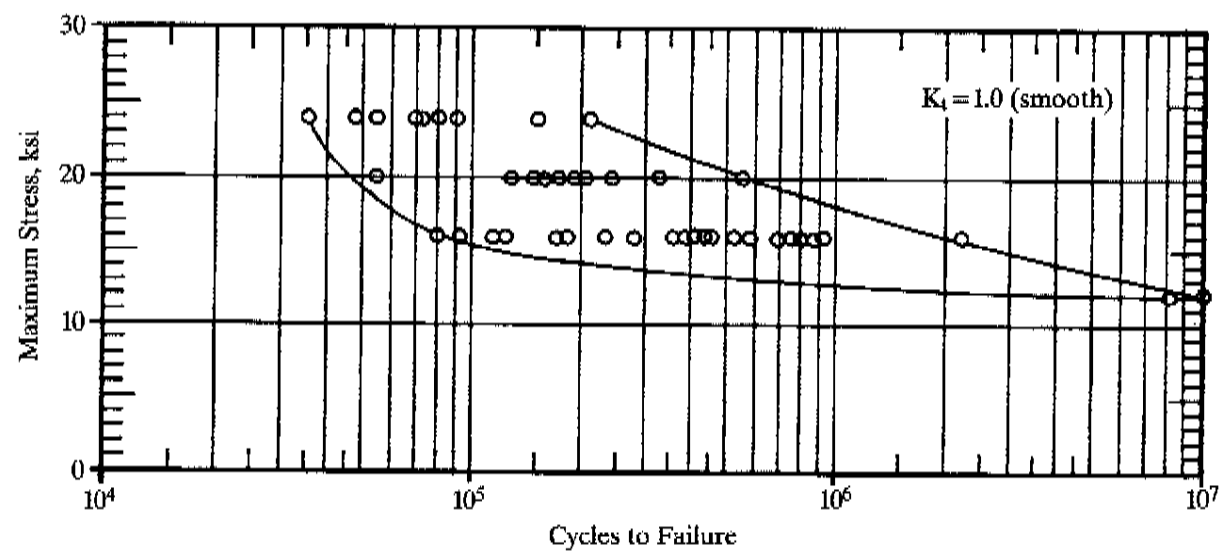
FIGURE 7-1 TYPICAL AXIAL TENSION LOAD FATIGUE STRENGTH

A357.0

***** [REDACTED] *****

7 **FATIGUE PROPERTIES** (Continued)

Material	A357.0
Specification	MIL-A-21180
Form	Castings
Temper	-T6



Test conditions:
 Environment: 45% R.H.
 Test temperature: 70°F
 Stress ratio: R = 0.06
 Testing frequency: 1800 cpm

NOTE
 THESE DATA NOT FOR USE WITH
 COMMERCIAL AIRPLANE
 DURABILITY OR DAMAGE
 TOLERANCE ANALYSIS METHODS --
 SEE [REDACTED]

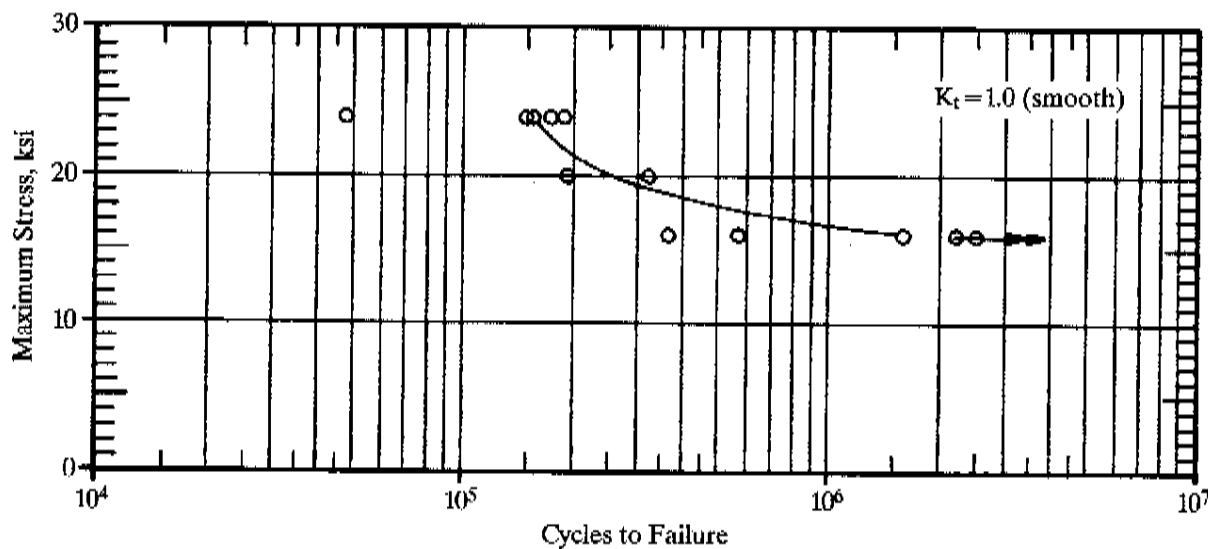
FIGURE 7-2 TYPICAL AXIAL TENSION LOAD FATIGUE STRENGTH

A357.0

***** [REDACTED] *****

7 **FATIGUE PROPERTIES** (Continued)

Material	A357.0
Specification	MIL-A-21180
Form	Castings
Temper	-T6



Test conditions:
 Environment: 45% R.H.
 Test temperature: 70°F
 Stress ratio: R = -1.0
 Testing frequency: 1800 cpm

NOTE
 THESE DATA NOT FOR USE WITH
 COMMERCIAL AIRPLANE
 DURABILITY OR DAMAGE
 TOLERANCE ANALYSIS METHODS -
 SEE [REDACTED]

FIGURE 7-3 TYPICAL AXIAL TENSION LOAD FATIGUE STRENGTH

A357.0