

View Online at <https://aerobasegroup.com/nsn/1620-01-242-9594>

**End Application:**

Used on (non hsp) fighter support aircraft f/a-18

**Compressed Length:**

22.280 inches

**Err Default:**

Err default

**Operation Method:**

Hydraulic

**Extended Length:**

35.400 inches

**Err Default:**

Err default

**Err Default:**

Err default

**Product Name:**

Navair tech manual-main landing gear shock absorber assembly-a1-421ac-150-000

**Special Features:**

Stroke total 13.12 inches, primary chamber 13.12 inches, secondary chamber 4.25 inches; weight-filled approximate 62 pounds; fluid medium-mil-h-83282; pressurizing agent (dry nitrogen)-mil-p-27401; temperature range (ambient) -65 degrees to 270 degrees f; service pressure range ( internal nitrogen pressure) weight off wheels to max, aircraft take off weight-51, 900 lbs; primary (low pressure) chamber 150 to 1, 570 psig; secondary (high pressure) chamber 1, 290 to 2, 960 psig; proof pressure (operating limit) primary chamber 14, 770 psig; secondary chamber 9, 472 psig

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T312-x