



STATE OF CALIFORNIA

TYPE 1 FIRE ENGINE

California Department of Corrections and Rehabilitation EQUIPMENT PACKAGE

1. The following California Department of Corrections and Rehabilitation (CDCR) equipment package shall be furnished with each unit when specified on the purchase order. The actual placement of the equipment with respect to compartment, mount and/or bracket shall be discussed at the preconstruction conference.

1. **Hose:**

- Two (2) – Hard Suction, 10' x 6", NH,"KOCHEK MAXI-FLEX", light weight, long handled.
- Twenty Four (24) - 3" x 50', Thermoplastic Lined Synthetic Fire Hose, Color-Tan. Couplings to be 2 ½" lightweight alloy with NH threads.
- Two (2) - 3" x 12', Thermoplastic Lined Synthetic Fire Hose with 2 ½" couplings to be used as soft suctions. Color-Tan.
- Twelve (12) -1½" x 50', Thermoplastic Lined Synthetic Fire Hose, Color-Yellow. .
- One (1) - 1 ½" x 35', Thermoplastic Lined Synthetic Fire Hose, Color-Yellow. .
- One (1) - 6" x 16' Thermoplastic Lined Synthetic Fire Hose Soft Suction. Shall be equipped with light weight alloy couplings NH thread. Female swivel shall have long handles; male swivel shall have rocker lugs. Color-Tan.
- Ten (10) – 100' lengths of 1-½" Forestry Hose, NH, thermoplastic lined, Cotton-Synthetic Ref: GSA NSN# 4210-01-165-6597
- Eight (8) – 100' lengths of 1" Forestry hose, NPSH, thermoplastic lined, Cotton-Synthetic Ref: GSA NSN# 4210-01-166-8122

2. **Ladders:**

- One (1) - 10' Folding Attic Ladder. Ref: DUO-SAFETY Series 585A.
- One (1) - 14' Roof Ladder. Ref: DUO-SAFETY Series YGR.
- One (1) - 24' Extension Ladder. Ref: DUO-SAFETY Series 900 A.
- Halyard shall be Wellington Puritan ½" Ladderline.

3. **Nozzles:**

- One (1) - Akron Brass Apollo Style 3433 Hi-Riser Master Stream Appliance with Akron Style 1755 Turbomaster 500-750-1000-1250 gpm Master Stream Combination Nozzle, as well as Akron #3488 Aluminum stream straightener and Akron #2499 Quad Pyrolite stacked tips. Included shall be a 3" direct mount base and a ground base with a 2 ½" siamese.
- Two (2) - Akron #1722 Midrange 1 ½" Turbojet Nozzles, 30-60-95-125 gpm
- One (1) - Akron #2370 2 ½" Turbojet Combination Nozzle w/Axial Playpipe
- One (1) - "Mad Dog", 1 ½" air aspirating foam nozzle.
- Three (3) - 1 ½" Forestry Nozzle, NH, light weight alloy, Ref: GSA NSN# 4210-01-167-1123 Nozzle and GSA NSN# 4210-01-165-6600 shutoff valve

- Four (4) – 1" Forestry Nozzle, NPSH, Ref: GSA NSN# 4210-01-165-6603 Nozzle and GSA NSN# 4210-01-165-6599 shutoff valve

4. Fittings:

- One (1) – Siamese, 2 – 2 ½" NHF x 1 – 2 1/2" NHM, lightweight alloy
- One (1) – Gated Wye, 1 – 2 ½" NHF x 2 – 1 1/2" NHM, lightweight alloy
- One (1) – Adaptor – Double Female – 6" NHF x 4 ½" NHF, lightweight alloy
- One (1) – Adaptor, Double Female – 6" NHF x 4" NHF, lightweight alloy
- Two (2) – Adaptor, Double Female – 2 ½" NHF x 2 ½" NHF, lightweight alloy
- Two (2) – Adaptor, Double Male – 2 ½" NHM x 2 ½" NHM, lightweight alloy
- One (1) – Reducer – 2 ½" NHF x 1 ½" NHM, lightweight alloy
- One (1) – Reducer – 1 ½" NHF x 1" IPM, lightweight alloy
- One (1) – Increaser – 1 " IPF x 1 ½" NHM, lightweight alloy
- One (1) – Adaptor 1" IPM x 1" NHF, lightweight alloy
- One (1) – Adaptor, 1" IPF x 1" NHM, lightweight alloy
- One (1) – Strainer, 6", lightweight

5. Handtools – Structural:

- One (1) - 8' Pike Pole with fiberglass handle
- One (1) – Axe, Pickhead, fiberglass handle
- One (1) – Axe, flathead, fiberglass handle
- One (1) – Bolt Cutter, 30"
- Four (4) – Strap, Hose & Ladder, nylon
- One (1) – Mallet, Rubber, 23 oz. w/Hickory handle
- One (1) – Wrench, Spanner, 6", Ref: Akron Brass #19 Universal Suction Spanner Wrench
- One (1) – Hose clamp, Hebert, 2 ½"-3" Model w/mounting brackets
- One (1) – D.O.T. cab first aid kit, REF: DynaMed #B-FK723, 3 1n 1 kit, metal case

6. Emergency Medical:

- One (1) Junkin Stokes Litter - Stainless Steel Tapered Model without leg divider. No wooden slats. Ref: Junkin SAF-300-W
- One (1) Hypalon Stokes Litter Cover, color orange.
- One (1) plastic spine board with straps, Ref.: Junkin Plastic Backboard. Color-yellow. Backboard to be compatible with litter.
- One (1) – Trauma Kit, Ref: DynaMed #B-TK031, Modular BLS Xtra Kit
- Two (2) – Space Blanket, Disposable

7. Miscellaneous:

- Two (2) ZICO Model SAC-44 Space-Saver Chock Blocks (or equal) shall be mounted in horizontal holders beneath the running boards. Specific locations to be determined at the preconstruction conference.
- One (1) – Emergency Flare Kit, 3 Triangles, meets or exceeds DOT Specifications, including 40 mph wind test

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8. Mobile Radio:

- A Kenwood 5710BK10 P25 VHF Hi band, dash mount, 45 Watt, 512 channel mobile radio with a KCT-18 Ignition Sense kit shall be provided.

Radio shall include special CDF features factory installed by Kenwood.

These features include:

1. Single band radio assembly (factory installed), Kenwood labor code L1028.
2. Key label insert for CDF control head function (factory installed), Kenwood labor code L862.
3. High level audio output at the control head auxiliary connector (factory installed) Kenwood labor code L1008.
4. Special "CDF" flash programming (factory installed), programming shall include the attached Radio Standard Frequency Load, Kenwood labor code L1005.
5. Ignition Sense Kit KCT-18 factory installed and implemented in programming.
6. Horn signaling output relay kit (factory installed), Kenwood labor code L1006.

- A Bendix/King GPH 5102XCMD04 Handheld VHF radio, 148-174 MHZ, w/antenna, shall be provided with each unit. A B/K 12 volt DC charger shall be installed and hard wired in the small compartment in the stepwell beneath the officer's seat. Features to include LZA 0531 BK Tone Operator select option, LKS 1031 BK 28 channel keyboard select option, LKS 1041 IS talk around option. Each hand held radio shall include the following:
 1. Two (2) - Rechargeable Battery Pack #LAA 0193 Bendix/King 10 volt Ni-Cad
 2. One (1) - Battery Holder for Replaceable 'AA' Size Cells #LAA 0139 Bendix/King
 3. One (1) - 115 VAC Trickle Charger #LAA 0305 Bendix/King
 4. One (1) - 13.8 VDC Trickle Charger #LAA 0340 Bendix/King
 5. One (1) - Speaker Mike #LAA 0207 Bendix/King
 6. One (1) - Carrying Case w/full flap #LAA 0415 Bendix/King

9. Fabricated Brackets / Mounts: The following shall be fabricated, mounted and/or furnished with each unit. Mounting locations shall be determined at pre-construction conference.

- One (1) – Log book holder, fabricated aluminum or stainless steel pocket to hold 10"x 9"x 2 ½" three ring log book. Sample log book will be provided at the pre-construction conference.
- One (1)- Hard Plastic Mount for 1" nozzle from hose reel, Ref: Performance Advantage Co. #1002
- Two (2)- axe mounts, one for a pick head, and one for flat head axe
- Eight (8) - mounting brackets mounted on vertical divider in pull out tool tray in front transverse compartment as follows:
 - Two (2) each for 30" bolt cutters
 - Two (2) each for Pulaski
 - Two (2) each for 36" claw wrecking bars
- Three (3) - 2-½" ZICO Quic-Coupling Mounts mounted in drawer type tray in left side forward compartment.
- Seven (7)- Akron Brass Style 373 E-Z lock 2-½" Nozzle Holders mounted as follows:
 - Three (3) on shelf in left side forward compartment
 - Two (2) in tray in same compartment
 - Two (2) in well

- Four (4)- Red Head Brass Style M 6” Rigid Male Mounting Plates mounted as follows:
 - Three (3) on upper portion of rear wall of left side forward compartment
 - One (1) in left side of through compartment on side of ladder tunnel.
- One set of Hebert Hose Clamp brackets shall be mounted in left side through compartment on side of ladder tunnel next to 6” male mounting plate.
- Two Akron Brass Style #2443 Hydrant/Spanner wrench holders with tools shall be mounted inside left front and right rear high side compartments.
- Bracket and strap with adjustable clasp and j-hook for generator on slide out tray.
- Mount on top of hosebed cover for securing Stokes Litter and cover. Design and mounting location to be determined at pre-construction conference.
- Radio mount on top of doghouse – radio to be mounted on a swiveling platform with an easily accessed lock, so as to be able to swivel to either the engineer’s or officer’s side.