Raleigh Fire Department Company and Unit Histories

Version 14.1 – February 22, 2021

Missing and approximate data in red

Contents

- Engines
- Ladders
- Rescues
- Chiefs
- Special

Changes

- Feb 22, 2021 Updated with numbering changes to Rescue 1, haz-mat, mini-pumper, Car 20, Car 402.
- Jan 26, 2021 Updated ladder companies, which reverted their numbering scheme effective December and January. Also changes to air truck numbering. Also, added more ladder apparatus notes, and other formatting/error-correcting among ladder entries.
- July 31, 2019 Added Air 2 and USAR 801, which were missing. Updated Haz-Mat 1 and Haz-Mat 2, to make more readable.
- July 18, 2019 Added Truck 11/Ladder 11, which was missing for some reason.
- Jan. 2, 2019 Updated some Truck 1, Truck 8, and Truck 16 details in 1987 and 1988.
- Nov. 26, 2018 Added some Truck 1 and Truck 8 changes around 1987 and 1988.
- Nov. 3, 2018 Numerous updates, including unit moves in October, plus earlier moves and replaced apparatus, from last 12-24 months.
- Aug. 14, 2018 Updated for new Station 12. Move Ladder 8 to Station 12. Move Car 20 to Station 12.
- Apr 30, 2016 Updating document. Added Engine 29, Ladder 9, and mini-pumper moves. Replaced some language, now using "activated" instead of "placed in service" in spots.

Engines

Engine 1 1912 to present

- Placed in service as Hose 1 on December 23, 1912, at Station 1 at 112 W. Morgan Street.
- Motorized on February , 1913.
- Renamed Engine 1 by 1926.
- Moved on August 12, 1941, to new Station 1 at 412 S. Salisbury Street.
- Moved by October 5, 1953, to new Station 1 at 220 S. Dawson Street.

Apparatus:

Activated with horse-drawn hose wagon.

- Received 1912 American LaFrance after February 6, 1913.
- Received 1914 American LaFrance on November ____, 1914.
- Received 1918 American LaFrance after June 12, 1918.
- Received 1922 American LaFrance after August 30, 1922.
- Received 1936 American LaFrance after July 28, 1936.
- Received 1953 American LaFrance (#4830) after July 29, 1953.
- Received 1961 American LaFrance (#8391) on May , 1961.
- Received 1970 Mack (#1169) after May 14, 1970.
- Received 1982 Mack (#2197) on , 1982
- Received 1989 Pierce (#0748) on November 22, 1989.
- Received 1998 Pierce (#0539) on June 30, 1998.
- Received 2004 American LaFrance (#3821) on January 19, 2005.
- Received 2009 Pierce (#9728) on May 21, 2009.

Engine 2 1912 to present

- Placed in service as Hose 2 on December 23, 1912, at Station 2 in 300 block of Fayetteville Street.
- Motorized on February , 1913.
- Moved by July 1914 to Station 1 at 112 W. Morgan Street, during building of new Station 2.
- Moved around September 1914, to new Station 2 at 412 S. Salisbury Street.
- Renamed Engine 2 by 1926.
- Moved after August 14, 1932, to new Station 2 at Memorial Auditorium.
- Moved around August 12, 1941, to Station 1 at 412 S. Salisbury Street.
- Moved around June 25, 1949, to Station 2 at Memorial Auditorium.
- Moved on October 16, 1969, to new Station 2 at 263 Pecan Street.
- Moved on November 30, 2016, to temporary Station 2 at S. Wilmington and Blount streets, during renovation of fire station.
- Moved on October 23, 2017, to Station 2 at 263 Pecan Street.

Apparatus:

- Activated with horse-drawn hose wagon.
- Received 1912 American LaFrance after February 6, 1913.
- [Add other engines]
- Received 1936 American LaFrance around October 1953.
- Received 1950 FWD on June 7, 1956.
- Received 1953 American LaFrance (#4830) on circa May 1961.
- Received 1975 Mack (#1768) on June 10, 1975.
- Received 1997 Pierce (#0150) on April 15, 1997.
- Received 2000 Spartan/Quality (#6077) on November 5, 2004.
- Received 2005 Pierce (#5116) on May 28, 2005.

Engine 3 1913 to present

• Placed in service as Hose 3 on February , 1913, at Station 3 at 135 E. Hargett Street.

- Motorized on November ____, 1914.
- Renamed Engine 3 by 1926.
- Moved on July 26, 1951, to new Station 3 at 13 S. East Street.

- Activated with horse-drawn hose wagon.
- Received 1912 American LaFrance around November 1914.
- [Add other engines]
- Received 1951 American LaFrance (#4433) after December 20, 1951.
- ????? Received 1958 American LaFrance on/after February 8, 1965 ??????
- Received 1968 American LaFrance after July 1, 1968.
- Received 1973 Mack (#1596) on March 12, 1974.
- Received 1982 Mack (#2198) after April 19, 1982.
- Received 1986 Pemfab/EEI (#1124) on January 13, 1987.
- Received 1990 Pierce (#0642) on October 3, 1990.
- Received 1997 Pierce (#0154) by August 16, 1997.
- Received 2001 Spartan/Quality (#9742) on September 20, 2001.
- Received 2006 Pierce (#6149) on June 9, 2006.

Engine 4 1926 to present

- Placed in service on June 15, 1926, at new Station 4 at 505 Jefferson Street.
- Moved on April 16, 1963, to new Station 4 at 2913 Wake Forest Road.
- Moved on June 24, 1993, to new Station 4 at 121 Northway Court.

Apparatus:

- [Add earlier engines]
- Received 1950 FWD on March 3, 1950.
- Received 1957 FWD on July 9, 1957.
- Received 1973 Mack (#1593) on March 8, 1974.
- Received 1985 Pirsch around November 22, 1989.
- Received 1986 Pemfab/EEI (#1124) on/after April 8, 1997.
- Received 1997 Pierce (#0165) on/after April 25, 2002.
- Received 2005 Pierce (#5117) on May 20, 2010.

Engine 5 1926 to present

- Placed in service on November 18, 1926, at new Station 5 at 1914 Park Drive.
- Moved on July 24, 1961, to Station 6 during construction of new station.
- Moved on September 26, 1961, to new Station 5 at 300 Oberlin Road.
- Moved on April 11, 2016, to Station 6 at 2519 Fairview Road, during renovation of fire station.
- Moved on November 10, 2016, to Station 5 at 300 Oberlin Road.

- [Add earlier engines]
- Received 1951 American LaFrance (#4432) on
- Received 1961 American LaFrance (#8391) on September , 1961.
- Received 1973 Mack (#1594) on July 22, 1974.
- Received 1986 Pemfab/EEI around November 3, 1986.
- Received 1970 Mack (#1169) on on/after February 25, 1990.
- Received 1990 Pierce (#0626) around October 3, 1990.
- Received 1997 Pierce (#0159) on June 5, 1997.
- Received 2002 Spartan/Quality (#0814) on April 1, 2002.

Engine 6 1943 to present

- Placed in service on March 3, 1943, at Station 6 at 2519 Fairview Road.
- Moved during 1948, to Station 5 at 1914 Park Drive, during construction of new Station 6.
- Moved on June 25, 1949, to new Station 6 at 2601 Fairview Road.
- Moved on April 11, 2016, to Station 5 at 300 Oberlin Road, during rebuilding of fire station.

Apparatus:

- [Add earlier engines]
- Received 1950 Mack after March , 1950.
- Received 1975 Mack (#1769) on July ___, 1975.
- Received 1989 Pierce (#0728) on 1998.
- Received 2004 American LaFrance (#1955) on August 28, 2004.
- Received 1998 Pierce (#EB575-02) on September 11, 2017.
- Received 2018 Pierce (#31888-01) on August 2, 2018.

Engine 7 (OOS) 1959 to 2013

- Placed in service on December 30, 1959, at new Station 7 at 1300 Glascock Street.
- Note: Address changed to 2100 Glascock Street in October 1991.
- Converted to squad company on January 16, 2015.

Apparatus:

- Activated at Station 7 with 1953 American LaFrance (#4726).
- Received 1971 Mack on 1974.
- Received 1986 Pemfab/EEI (#1124) on January 7, 1991.
- Received 1997 Pierce (#0163) on April 8, 1997.
- Received 2002 Spartan/Quality (#0815) on April 1, 2002.

Engine 8 1960 to present

- Placed in service on April 1, 1960, at Station 8 at 903 Kent Road.
- Moved after February 14, 1963, to new Station 8 at 5001 Western Boulevard.
- Note: Kent Road address later changed to 1007 Method Road.

- Activated with 1958 American LaFrance.
- Received 1950 FWD on , 1961.
- Received 1951 American LaFrance (#4433) on 1963.
- Received 1961 American LaFrance (#8391) on 1974.
- Received 1973 Mack (#1596) after April 19, 1982.
- Received starting 1984.
- Received 1990 Pierce (#0642) around August 16, 1997.
- Received 1999 Spartan/Quality (#2247) on August 15, 1999.
- Received 2006 Pierce (#6150) on June 7, 2006.

Engine 9

1953 to 1960, 1963 to present

- Placed in service by October 5, 1953, at Station 1 at 220 S. Dawson Street.
- Moved to Station 8 on April 1, 1960.
- Returned to service on February 14, 1963, at new Station 9 at 4465 Six Forks Road.

Apparatus:

- Activated with 1953 American LaFrance (#4726).
- Received 1958 American LaFrance after August 29, 1959.
- Received 1951 American LaFrance (#4432) on February 14, 1963.
- Received 1974 Mack (#1595) on July 15, 1974.
- Received 1982 Mack (#2198) on/after January 13, 1987.
- Received 1989 Pierce (#0768) around November 22, 1989.
- Received 1997 Pierce (#0165) on August 11, 1997.
- Received 2002 Spartan/Quality (#0817) on April 25, 2002.
- Received 2008 Pierce on April 4, 2008.

Engine 10

1961 to 1970, 1971 to present

- Placed in service on April 21, 1961, at Station 1 at 220 S. Dawson Street.
- Unit renamed Engine 15 on June 15, 1970.
- Returned to service on February 24, 1971, at new Station 10 at 2711 Sanderford Road.

Apparatus:

- Activated with 1958 American LaFrance.
- Received 1968 American LaFrance after March 12, 1974.
- Received 1973 Mack (#1594) around November 3, 1986.

- Received 1990 Pierce/1986 EEI/Pemfab on/after May 15, 1996.
- Received 1998 Pierce Saber (#0539) on January 19, 2005.
- Received 2017 Pierce (#30631-) on July 13, 2017.

Engine 11 1971 to present

- Placed in service by November 28, 1971, at Station 11 at 2925 Glenridge Road.
- Relocated to Station 7 on [date], during station renovation project.
- Relocated to Station 11 on [date].

Apparatus:

- Activated with 1958 American LaFrance.
- Received 1975 Mack (#1767) on May , 1975.
- Received 1995 Pierce (#0145) on April 9, 1996.
- Received 2000 Spartan/Quality (#6078) on October 11, 2000.
- Received 2005 Pierce (#5117) on May 28, 2005.
- Received 2010 Pierce (#_____) on May 13, 2010.

Engine 12 1974 to present

- Placed in service on October 9, 1974, at Station 12 at 3409 Poole Road.
- Relocated on August 13, 2018, to New Station 12 at 4306 Poole Road.

Apparatus:

- Activated with 1951 American LaFrance (#4432).
- Received 1975 Mack (#1770) on August ____, 1975.
- Received 1997 Pierce (#0173) on August 27, 1997.
- Received 2002 Spartan/Quality (#0816) on April 25, 2002.
- Received 2006 Pierce (#6151) on June 8, 2006.

Engine 13 1974 to present

Placed in service by November 26, 1974, at Station 1 at 220 S. Dawson Street.

Apparatus:

- Activated with 1970 Mack (#1168).
- Received 1981 Mack on July 8, 1981.
- Received 1985 Pirsch on , 1985
- Received 1989 Pierce (#0728) around November 22, 1989.
- Received 1998 Pierce Saber (#0545) on ______,1998.
- Received 2004 American LaFrance (#3822) on January 26, 2005.
- Received 2010 Pierce (#) on April 27, 2010.

Engine 14 (OOS) 1974 to 2013

- Placed in service on October 9, 1974, at Station 14 at 4220 Lake Boone Trail.
- Converted to squad company on February 5, 2013.

Apparatus:

- Activated with 1951 American LaFrance (#4433).
- Received 1958 American LaFrance on ________, 1975.
- Received 1970 Mack (#1168) on , 1982.
- Received 1982 Mack (#2198) around November 22, 1989.
- Received 1989 Pierce (#0748) on/after June 30, 1998.
- Received 2004 American LaFrance (#1956) on August 26, 2004.

Engine 15 1970 to 2013

- Placed in service on June 15, 1970, at Station 1 at 220 S. Dawson Street.
- Moved on November 13, 1974, to new Station 15 at 1815 Spring Forest Road.
- Converted to squad company on February 5, 2013.
- Returned to engine company on January 16, 2015.

Apparatus:

- Activated with?
- Received 1970 Mack (#1168) on ______, 1970.
- Received 1961 American LaFrance (#8391) on November 13, 1974.
- Received 1973 Mack (#1596) on , 1984.
- Received 1990 Pierce/1986 EEI/Pemfab on December 14, 1990.
- Received 1995 Pierce (#0146) on May 15, 1996.
- Received 2006 Pierce (#6152) on June 7, 2006

Engine 16 1979 to present

Placed in service on February 9, 1979 at 1241 hours, at Station 16 at 5225 Lead Mine Road.

Apparatus:

- Activated with 1978 Mack.
- Received 1992 Pierce/1978 Mack on ______,1992.
- Received 1997 Pierce (#0154) on/after September 20, 2001.
- Received 2007 Pierce on September 6, 2007.

Engine 17 1984 to present

• Placed in service on April 9, 1984, at Station 17 at 4601 Pleasant Valley Road.

Apparatus:

- Activated with 1981 Mack.
- Received 1990 Pierce (#0642) on/after August 15, 1999.
- Received 1998 Pierce (#0545) on January 26, 2005.
- Received 2017 Pierce (#30631-_) on July 13, 2017.

Engine 18 1987 to present

Placed in service on March 16, 1987 at 0800 hours, at Station 18 at 8200 Morgans Way.

Apparatus:

- Activated with 1974 Mack (#1595).
- Received 1989 Pierce (#0768) on/after August 11, 1997.
- Received 2000 Spartan/Quality (#6078) on June 8, 2005.

Engine 19 1988 to present

• Placed in service on May 11, 1988, at Station 19 at 4209 Spring Forest Road.

Apparatus:

- Activated with 1968 American LaFrance.
- Received 1973 Mack (#1593) around November 22, 1989.
- Received 1981 Mack on
- Received 1990 Pierce (#0626) around June 5, 1997.
- Received 2000 Spartan/Quality (#6077) on June 7, 2005.
- Received 2014 Pierce on ______, 2014.

Engine 20 1989 to present

Placed in service on January 20, 1989, at Station 20 at 1721 Trailwoods Drive.

Apparatus:

- Activated with 1961 American LaFrance (#8391).
- Received 1982 Mack (#2197) on/after November 22, 1989.
- Received 1997 Pierce (#0150) on November 5, 2004.
- Received 2000 Spartan/Quality (#6077) by October 10, 2000.
- Received 2009 Pierce (#9727) on May 28, 2009.

Engine 21 1998 to present

• Placed in service on June 15, 1998 at 12:45 p.m., at Station 21 at 2651 Southall Road.

Apparatus:

- Activated with Mack (#1767).
- Received 1982 Mack (#2198) on/after June 30, 1998.
- Received 1995 Pierce (#0145) on/after October 11, 2000.
- Received 2002 Spartan/Quality (#0817) on April 21.

Engine 22 1998 to present

• Placed in service on July 31, 1998, at Station 22 at 9350 Durant Road.

Apparatus:

- Activated with ????
- Received 1985 Pirsch on/after April 8, 1997.
- Received 1997 Pierce (#0173) on July 1, 2002.
- Received 2004 American LaFrance (#3821) on June 6, 2009.
- Received 2006 Pierce (#17531-04) on November 1, 2012.

Engine 23 2000 to present

• Placed in service on February 25, 2000, at Station 23 at 8312 Pinecrest Road.

Apparatus:

- Activated with 1981 Mack.
- Received 2001 Spartan/Quality aerial ladder by January 31, 2001.
- Received 1986 Pemfab/EEI (#1124) on/after September 1, 2004.
- Received 1992 Pierce/1978 Mack on/after January 27, 2005.
- Received 2001 Spartan/Quality (#9742) on/after June 9, 2006.

Engine 24 2001 to present

Placed in service on August 24, 2001, at Station 24 at 10440 Fossil Creek Court.

Apparatus:

- Activated with 1981 Mack.
- Received 1997 Pierce (#0159) on April 2, 2002.
- Received 2004 American LaFrance on/after April 8, 2014.

Engine 25 2001 to present

• Placed in service on August 2, 2001, at Station 25 at 2740 Wakefield Crossing Drive.

Apparatus:

- Activated with ????
- Received 1982 Mack (#2197) on/after November 5, 2004.
- Received 1997 Pierce (#0163) on April 5, 2002.
- Received 2004 American LaFrance on/after April 8, 2014.

Engine 26 2003 to present

Placed in service on June 9, 2003, at Station 26 at 3929 Barwell Road.

Apparatus:

- Activated with 1986 Pemfab/EEI (#1124).
- Received 1989 Pierce (#0728) on September 1, 2004.
- Received 2002 Spartan/Quality (#0816) on/after June 8, 2006.

Engine 27 2003 to present

• Placed in service on June 9, 2003, at Station 27 at 5916 Buffaloe Road.

Apparatus:

- Activated with 1985 Pirsch.
- Received 1989 Pierce (#0748) on November ___, 2004.
- Received 1999 Spartan/Quality (#2247) on/after June 7, 2006.

Engine 28 2007 to present

• Placed in service on April 25, 2007, at Station 28 at 3500 Forestville Road.

Apparatus:

- Activated with 1995 Pierce (#0146).
- Received 2004 American LaFrance (#3822) on May 12, 2010.
- Received 1998 Pierce (#EB575-01) around August 17, 2017.
- Received 2018 Pierce (#31888-01) on August 2, 2018.

Engine 29 2015 to present

Placed in service on June 9, 2015, at Station 29 at 12117 Leesville Road.

- Activated with 2000 Quality/Spartan MetroStar.
- Replaced with 2015 Pierce after November 15, 2015.

Squads

Squad 7 2015 to present

• Placed in service on January 16, 2015, at Station 7 at 2100 Glascock Street.

Apparatus:

- Activated with 2004 American LaFrance pumper.
- Received 2014 Pierce on April 8, 2014.

Squad 14 2013 to present

- Placed in service on February 5, 2013, at Station 14 at 4220 Lake Boone Trail.
- Activated with 2014 Pierce rescue pumper.

<u>Squad 15 (OOS)</u> 2013 to 2015

- Placed in service on February 5, 2013, at Station 15 at 1815 Spring Forest Road.
- Moved to Station 7 on January 16, 2015.

Apparatus:

- Activated with 2004 American LaFrance pumper.
- Received 2014 Pierce on April 4, 2014.

Ladders

Truck 1/Ladder 1 1916 to present

- Placed in service as Aerial Ladder Truck 1 after February 10, 1916, at Station 1 at 112 W. Morgan Street.
- Moved to Station 2 around August 1941.
- Moved to Station 1 by October 5, 1953.
- Renamed Ladder 1 on August 21, 2006.
- Unit location changed on July 7, 2009, to Station 4 at 121 Northway Court.
- Unit location changed on January 25, 2021, to Station 1 at 220 S. Dawson Street.

- Activated with 1916 American LaFrance.
- Received 1939/1916 American LaFrance by December 16, 1939.
- Received 1958 American LaFrance on May 30, 1958.
- Received 1977 Mack/Baker around April/May 1977.
- Received 1979 Mack/1958 American LaFrance on March 16, 1987.
- Received 1977 Mack/Baker on March 23, 1987.
- Received 1979 Mack/1958 American LaFrance on March 15, 1988.
- Received 1988 Pierce on September 21, 1988.
- Received 1999 American LaFrance on April 12, 1999.
- Received 2004 Pierce on September 11, 2004.
- Placed in service with 2001 Spartan/Quality on July 7, 2009. (Renumbered unit at Station 4.)
- Operating 2018 Pierce starting January 25, 2021. (Renumbered unit at Station 1)

Service Truck 1 (OOS) 1922 to 1949

- Placed in service as Service Ladder Truck 1 around October 1922, at Station 1 at 112 W. Morgan Street.
- Moved to Station 2 around August 1941.
- Moved to Station 6 on June 27, 1949.
- Apparatus: 1922 American LaFrance.

Truck 2 (OOS)

- See Truck 1/Ladder 1
- See Service Truck 1.

Ladder 2 (OOS) 2009 to 2021

- Placed in service as Ladder 2 on July 7, 2009, at Station 11 at 2925 Glenridge Road.
- Moved on October 27, 2018, to Station 15 at 1815 Spring Forest Road.
- Moved on December 17, 2019, to Station 11 at 2925 Glenridge Road.
- Renamed Ladder 15 (at Station 11) on January 20, 2021.

Apparatus:

- Activated with 2005 Pierce (#5072).
- Received 2015 Pierce on October 27, 2018.

<u>Ladder 3</u> (OOS) 2009 to 2020

- Placed in service as Ladder 3 on July 7, 2009, at Station 17 at 4601 Pleasant Valley Road.
- Renamed Ladder 14 on December 9, 2020, with relocation pending to new Station 14 on Harden Road.
- Apparatus: 2007 Pierce

<u>Ladder 4</u> 2009 to present

- Placed in service as Ladder 4 on January 6, 2009, at Station 4 at 121 Northway Court.
- Unit location changed on July 7, 2009, to Station 1 at 220 S. Dawson Street.
- Unit location changed on January 25, 2021, to Station 4 at 121 Northway Court.

Apparatus:

- Placed in service with 2004 Pierce on July 7, 2009, at Station 1 at 220 S. Dawson Street.
- Received reserve apparatus on July 10, 2009.
- Received 2010 Pierce on November 22, 2010.
- Received 2017 Pierce on August 17, 2017.
- Received 2018 Pierce on October 10, 2018.
- Operating 2014 Pierce effective January 25, 2021. (Renumbered unit at Station 4.)

Truck 5/Ladder 5 (OOS)

1961 to 1987, 2009 to 2021

- Placed in service as Truck 5 by October 4, 1961, at Station 5 at 300 Oberlin Road.
- Activated with 1961 American LaFrance.
- Received 1979 Mack/1958 American LaFrance by May 6, 1980.
- Removed from service on March 16, 1987.
- Placed in service as Ladder 5 on July 7, 2009, at Station 22 at 9350 Durant Road.
- Apparatus 2009 Pierce (#9721).
- Unit location changed on January 19, 2021 to Station 25 at 2740 Wakefield Crossing Drive, during Station 22 replacement project.
- Renamed Ladder 25 (at Station 25) on January 18, 2021.

Truck 6/Ladder 6

1949 to 1962, 1965 to 1979, 2009 to present

- Placed in service as Truck 6 on June 27, 1949, at Station 6 at 2601 Fairview Road.
- Activated with 1922 American LaFrance.
- Removed from service after February 14, 1962.
- Returned to service on February 8, 1965.
- Re-activated with 1964 GMC.
- Moved to Station 16 on June 8, 1979.
- Placed in service as Ladder 6 on July 7, 2009, at Station 24 at 10440 Fossil Creek Court.
- Activated with 1988 Pierce.
- Received 2005 Pierce (#5073) on August ___, 2009.
- Renamed Ladder 23 on January 25, 2021, with relocation pending to Station 23.
- Ladder 6 (at Station 23) renamed from Ladder 9 on December 21, 2020, with relocation pending to Station 6.

- Placed in service as Truck 7 on October 25, 1960, at Station 7 at 1300 Glascock Street.
- Activated with 1963 Ford.
- Removed from service by April 8, 1962.
- Returned to service by June 15, 1963.
- Wrecked on May 31, 1979.
- Returned to service on March 12, 1980.
- Apparatus 1980 Ford.
- Moved to Station 12 on February 1, 1982.
- Placed in service as Ladder 7 on July 7, 2009, at Station 20 at 1721 Trailwoods Drive.
- Activated with 1999 American LaFrance.
- Received 2009 Pierce (#9720) on July 9?, 2009.
- Renamed Ladder 20 (at Station 20) on January 4, 2021.

Truck 8/Ladder 8 (OOS)

1981 to 2004, 2009 to 2021

- Placed in service as Truck 8 by September 25, 1981, at Station 8 at 5001 Western Boulevard.
- Changed to aerial apparatus on March 16, 1987.
- Moved to Station 20 on November 5, 2004.
- Placed in service as Ladder 8 on July 7, 2009, at Station 26 at 3929 Barwell Road.
- Moved on August 13, 2018, to new Station 12 at 4306 Poole Road.
- Renamed Ladder 12 (at Station 12) on January 11, 2021.

Truck 8 apparatus:

- Activated with 1964 GMC.
- Received 1977 Mack/Baker on March 16, 1987.
- Received on March 23, 1987.
- Received 1977 Mack/Baker on March 15, 1988.
- Received 1961 American LaFrance after (?) September 21, 1988.
- Received 1977 Mack/Baker around October 3, 1990.
- Received 1986 Seagrave around April 12, 1999.

Ladder 8 apparatus:

- Placed in service with 2006 Pierce on July 7, 2009.
- Replaced with 2010 Pierce on August 17, 2017.
- Replaced with 2017 Pierce on October 12, 2018.

<u>Ladder 9</u> (OOS) 2015 to 2020

Placed in service on June 9, 2015, at Station 29 at 12117 Leesville Road.

- Moved to Station 23 on October 27, 2018.
- Renamed Ladder 6 (at Station 23) on December 21, 2020.

- Activated with 2001 Quality/Spartan.
- Replaced with 2015 Pierce on November 12, 2015.
- Replaced with 2010 Pierce on October 22, 2018.

Truck 11/Ladder 11 (OOS)

1972 to 2009

- Placed in service by June 14, 1972, at Station 11 on 2925 Glenridge Drive.
- Activated with 1971 Chevy.
- Changed to aerial apparatus on ______.
- Received 1986 Seagrave on ______.
- Received 1990 Spartan on
- Received 2005 Pierce (#16481) on June 4, 2005.
- Renamed Ladder 11 on August 21, 2006.
- Renamed Ladder 2 on July 7, 2009.

Truck 12/Ladder 12

1982 to 1988, 2021 to present

- Placed in service as Truck 12 on February 1, 1982 at 1000 hours, at Station 12 at 3409 Poole Road.
- Activated with 1980 Ford.
- Removed from service on September 20, 1988.
- Placed in service as Ladder 12 on January 11, 2021, with Ladder 12 at Station 12 renamed from Ladder 8.
- Activated with 2017 Pierce.

<u>Ladder 14</u> 2020 to present

- Renamed from Ladder 3 (at Station 17) on December 9, 2020.
- Activated with 2007 Pierce.

Truck 15/Ladder 15

1987 to 2001, 2021 to present

- Placed in service as Truck 15 on March 16, 1987, at Station 15 at 1815 Spring Forest Road.
- Changed to aerial apparatus on September 21, 1988.
- Moved to Station 22 on August 14, 2001.
- Placed in service as Ladder 15 on January 20, 2021, at Station 11 on 2925 Glenridge Drive.
- Moved to Station 15 on January 25, 2021.

Truck 15 apparatus:

- Activated with 1971 Chevy.
- Received 1964 GMC on March 16, 1987.

- Received 1980 Ford on September 20, 1988.
- Received 1977 Mack/Baker on September 21, 1988.
- Received 1986 Seagrave around October 3, 1990.
- Received 1988 Pierce around April 12, 1999.

Ladder 15 apparatus:

• Activated with 2015 Pierce on January 20, 2021.

Truck 16/Ladder 16 (OOS)

1979 to 2009

- Placed in service as Truck 16 on June 8, 1979 at 0815 hours, at Station 16 at 5225 Lead Mine Road.
- Changed to aerial apparatus on September 16, 1981.
- Renamed Ladder 16 on August 21, 2006.
- Moved to Station 17 on January 6, 2009.

Apparatus:

- Activated with 1964 GMC.
- Received 1961 American LaFrance on September 16, 1981.
- Received _____ around Spring 1988.
- Received 1979 Mack/1958 American LaFrance on September 21, 1988.
- Received 1995 Simon-Duplex after delivery date of February 27, 1995.
- Received 2007 Pierce on September 4, 2007.

<u>Ladder 17 (OOS)</u> 2009

- Placed in service as Ladder 17 on January 6, 2009, at Station 17 at 4601 Pleasant Valley Road.
- Activated with 2007 Pierce.
- Unit number changed to Ladder 3 on July 7, 2009.

Truck 20/Ladder 20 (OOS)

2004 to 2009, 2021 to present

- Placed in service as Truck 20 on November 5, 2004, at Station 20 at 1721 Trailwoods Drive.
- Activated with 1999 American LaFrance.
- Renamed Ladder 20 on August 21, 2006.
- Unit number changed to Ladder 7 on July 7, 2009.
- Replaced with 2009 Pierce on July 9?, 2009.
- Unit number changed to Ladder 20 (at Station 20) on January 4, 2021

Truck 22/Ladder 22 (OOS)

2001 to 2009

Placed in service as Truck 22 on August 14, 2001, at Station 22 at 9350 Durant Road.

- Renamed Ladder 22 on August 21, 2006.
- Unit number changed to Ladder 5 on July 7, 2009.

Truck 22 apparatus:

- Activated with 1988 Pierce.
- Received 2005 Pierce on June 4, 2005.
- Received 2009 Pierce on July 3, 2009.

Ladder 22 apparatus:

• Activated with 2009 Pierce on July 7, 2009.

Truck 23/Ladder 23

2006 to 2009, 2020-present

- Placed in service as Truck 23 on March 4, 2006, at Station 23 at 8312 Pinecrest Road.
- Activated 2001 Spartan/Quality.
- Renamed Ladder 23 on August 21, 2006.
- Moved to Station 24 on January 3, 2009.
- Replaced with 1988 Pierce on January 3, 2009.
- Renamed from Ladder 6 (at Station 24) on December 14, 2020.
- Replaced with 2005 Pierce on December 14, 2020.

Truck 24/Ladder 24 (OOS)

2004 to 2006, 2009

- Placed in service as Truck 24 on April 6, 2004, at Station 24 at 10400 Fossil Creek Court.
- Moved to Station 23 on March 4, 2006.
- Apparatus: 2001 Spartan/Quality.
- Placed in service on January 3, 2009.
- Apparatus: 1988 Pierce Snorkel.
- Unit number changed to Ladder 6 on July 7, 2009.
- Received 2005 Pierce on August , 2009.

<u>Ladder 25</u> 2021 to present

- Activated as a unit number on January 18, 2021, for Ladder 25 at Station 25, renumbered from Ladder 5.
- Apparatus: 2009 Pierce (#21645-02).

Truck 26/Ladder 26 (OOS)

2005 to 2009

- Placed in service as Truck 26 on August 6, 2005, at Station 26 at 3929 Barwell Road.
- Activated with 1998 Pierce.
- Received 2006 Pierce by May 17, 2006.
- Renamed Ladder 26 on August 21, 2006.
- Unit number changed to Ladder 8 on July 7, 2009.

Rescues

Summary

- R1 > R3 > R12 > R7 > R21 > R19 > R1 > R16
- R9 > R14 > R6 > R14 > R3 > OOS
- R7 > R2 > OOS

Rescue 1 (OOS)

1953 to 1976, 2009 to 2021

- Placed in service after August 27, 1953, at unknown location.
- Moved to Station 1 at 220 W. Dawson Street around October 5, 1953.
- Moved to Station 3 by September 11, 1976.
- Removed from service on .
- Unit number reactivated on July 7, 2009, at Station 19 at 4209 Spring Forest Road.
- Reorganized as a five-person company and moved to Station 21 on February 5, 2013.
- Moved to Station 15 on January 16, 2018.
- Moved to Station 16 on October 8, 2018.

Apparatus:

- Activated with 1954 GMC.
- Received 1966 Chevy after August 18, 1966.
- Received 1975 Chevy/Murphy on December 2, 1974.
- etc
- Replaced with 2018 Pierce on October 3, 2018.

Rescue 2 (OOS)

1953 to 1974, 2009 to 2013

- Placed in service by October 7, 1954, at Station 1 at 220 W. Dawson Street.
- Second unit of two-piece Raleigh Emergency Rescue Squad, not staffed.
- Later housed without staffing at Stations 8, 10, 12.
- Removed from service on November , 1974.
- Apparatus: 1955 Reo.
- Unit number reactivated on July 7, 2009, at Station 7 at 2100 Glascock Street.
- Removed from service on January 31, 2012.
- Three rescues consolidated into single company, Rescue 1.
- Apparatus: 2002 International/SVI.

Rescue 3 (OOS)

1976 to 1978, 2009 to 2013

- Placed in service as Rescue 3 on July 28, 1976, at Station 3 at 13 S. East Street.
- Moved to Station 12 on July 24, 1978.
- Apparatus: 1975 Chevy/Murphy.

- Unit number reactivated on July 7, 2009, at Station 14 at 4220 Lake Boone Trail.
- Removed from service on January 31, 2012.
- Three rescues consolidated into single company, Rescue 1.
- Apparatus: 2007 Pierce.

<u>Rescue 6</u> (OOS) 1982 to 2001

- Placed in service as Rescue 6 on February 1, 1982 at 12:00 p.m. at Station 6 at 2601 Fairview Road.
- Returned to Station 6 on April 9, 1984. (Check log reference.)
- Moved to Station 14 on July 17, 2001

Apparatus:

- Activated with 1974 Chevy/Murphy.
- Received 1991 Chevy/Frontline on April 19, 1991.
- Received 2000 Freightliner/American LaFrance on May 16, 2000.

Rescue 7 (OOS) 1982 to 1998, 2001 to 2009

- Placed in service on February 1, 1982 at 1000 at Station 7 at 1300 Glascock Street.
- Removed from service and moved to Station 21 on October 14, 1998.
- Returned to service on July 17, 2001.
- Unit number changed to Rescue 2 on July 7, 2009.

Apparatus:

- Received 1975 Chevy/Murphy on February 1, 1982.
- Received 1991 Chevy/Frontline on May , 1991.
- Received 2002 International/SVI on April 15, 2002.

Rescue 8 (OOS)

<u>Rescue 9</u> (OOS) 1974 to 1978

- Placed in service on October 28, 1974, at Station 9 at 4465 Six Forks Road.
- Moved to Station 14 on July 24, 1978.
- Apparatus 1974 Chevy/Murphy.

Rescue 10 (OOS) See Rescue 2

Rescue 12 (OOS) 1978 to 1982

- Placed in service on July 24, 1978, at Station 12 at 3409 Poole Road.
- Moved to Station 7 on February 1, 1982.
- Apparatus 1975 Chevy/Murphy.
- See also Rescue 2.

Rescue 14 (OOS) 1978 to 1982, 2001 to 2009

- Placed in service on July 24, 1978, at Station 14 at 4200 Lake Boone Trail.
- Moved to Station 6 on February 1, 1982.
- Returned to service at Station 14 on July 17, 2001.
- Unit number changed to Rescue 3 on July 7, 2009.

Apparatus:

- Activated with 1974 Chevy/Murphy.
- Received 2000 Freightliner/American LaFrance on July 17, 2001
- Received 2007 Pierce on July 9, 2007.

Rescue 16 2021 to present

• Activated as a unit number at Station 16 on February 22, 2021.

Rescue 19 (OOS) 1999 to 2009

- Placed in service as Rescue 19 at December 5, 1999, at Station 19 at 4209 Spring Forest Road or Station 21 at 9350 Durant Road.
- Unit number changed to Rescue 1 on July 7, 2009.

Apparatus:

- Received 1991 Chevy/Frontline on December 5, 1999.
- Received 2000 Freightliner/American LaFrance on /around May 16, 2000.
- Received 2007 Pierce on July 2, 2007.

<u>Rescue 21</u> (OOS) 1998 to 1999

- Placed in service as Rescue 21 on October 14, 1998, at Station 21 on Southall Road.
- Renamed Rescue 19 on December 5, 1999 or moved to Station 19 on December 5, 1999.
- Apparatus: 1991 Chevy/Frontline.

Chiefs

Summary

- Car 4 > Car 51 > Battalion 1
- Car 5 > Car 52 > Battalion 2
- Car 6 >Car 53 >Battalion 3

Battalion 1	 Placed in service at Station 15 at 1815 Spring Forest Road on January 10, 2004. Moved to Station 19 on
Battalion 2	 Placed in service at Station 12 at 3409 Poole Road on January 10, 2004. Moved to New Station 12 at 4306 Poole Road on August 13, 2018.
Battalion 3	 Placed in service at Station 1 at 220 S. Dawson Street on January 10, 2004. Moved to Station 8 on November 19, 2004
Battalion 4	 Placed in service at Station 17 at 4601 Pleasant Valley Road on January 10, 2004. Moved to Station 23 on January 3, 2009. Moved to Station 18 on October 27, 2018.
Battalion 5	• Placed in service at Station 9 at 4465 Six Forks Road on February 5, 2013.
Car 51	 Placed in service at Station 9 at 4465 Six Forks Road between April 17 and April 18, 1983 Moved to Station 15 by January 2, 2001. (Based on C53 move date.) Renamed Battalion 1 on January 10, 2004.
Car 52	 Placed in service at Station 1 at 220 S. Dawson Street between April 17 and 28, 1983 Renamed Battalion 3 on January 10, 2004.
Car 53	 Placed in service at Station 6 at 2601 Fairview Road between April 17 and 28, 1983 Moved to Station 14 on January 1, 1998. Moved to Station 17 by January 2, 2001. Renamed Battalion 4 on January 10, 2004.
Car 5	 Placed in service at Station 1 at 220 S. Dawson Street around August 21, 1971. Renamed Car 52 between April 17 and 28, 1983.
Car 6	 Placed in service at Station 4 at 2913 Wake Forest Road on August 21, 1971 at 1230. Moved to Station 6 after July 13, 1975. Renamed Car 53 between April 17 and 28, 1983.
Car 4	 Placed in service at Station 4 at 2913 Wake Forest Road around January 1, 1977. Moved to Station 9 around July 24, 1978. Renamed Car 51 between April 17 and 28, 1983.

Car 20/Car 10/Car 5/Division Chief

- Placed in service at Station 1 at 220 S. Dawson Street on December ___, 1991.
- Moved to Station 9 by January 1, 2001. (Based on C53/C51 move date.)
- Moved to Station 8 on December 10, 2005.

- Renumbered Car 10 on July 7, 2009.
- Renumbered Car 20 on February 5, 2013.
- Moved to New Station 12 at 4306 Poole Road on August 13, 2018.
- Renamed Division Chief 1 on February 22, 2021.

Special Units

Air 1/Air 8/Air 10

- Placed in service at Station 8 on January 1, 2007.
- Unit number changed to Air 1 on July 7, 2009.
- Moved to Station 5 on January 29, 2013.
- Moved to Station 8 on January 16, 2018.
- Moved to Station 10 and renumbered Air 10 on January 4, 2021.

Air 2/Air 28

- Placed in service at Station 28 on 2015.
- Renumbered Air 28 on January 4, 2021.

Brush 1/Brush 3 (OOS)

- Placed in service as Brush 1 at Station ____ by March 23, 1982.
- Renamed Brush 3 by May 22, 1985.
- Removed from service after May 22, 1985.

Car 402/Car 401/Car 20/Car 198/Investigator

- Placed in service at Station 1 in early 1980s.
- Moved to Station 9 by June 3, 2000.
- Renamed Car 20 on January 30, 2008.
- Moved to Station 1 on June 1, 2012.
- Renamed Car 401 on February 5, 2013.
- Renamed Car 402 on September 1, 2017, the prior designation for the second/back-up investigator vehicle at Station 1. With Car 401 the new designation for the fire investigation head, who works in the Office of the Fire Chief.
- Renamed Investigator 1 at Station 1 on February 22, 2021.

Car 420/Car 40/Platoon Fire Marshal (OOS)

- Placed in service as Car 40 at Station 21 on July 3, 2010.
- Moved to Station 16 on November 29, 2012.
- Renamed Car 420 on February 5, 2013.
- Removed from service on September 2, 2017.

Field Communications 1 (OOS)

- Placed in service at Station 1 on October ___, 2006.
- Moved to Keeter Training Center on ______, 2012.
- Retired on ______.

Foam 1 (OOS)	 Placed in service at Station 1 on December, 1965. Moved to Station 12 on September 1, 1988. Pick-up truck with high-expansion foam generator.
Foam 5 (OOS)	 Placed in service at Station 5 on December 30, 1965 at 1700 hours. Removed from service on November 11, 1990. Alternate date Nov. 14. Pick-up truck with high-expansion foam generator.
Foam 12 (OOS)	 Placed in service at Station 12 on September 1, 1988. Moved to Station 26 on January 10, 2004 Pick-up truck with high-expansion foam generator until 1991. Retired pumper with bulk foam supply after 1991.
Foam 26 (OOS)	 Placed in service at Station 26 on January 10, 2004. Removed from service on June 8, 2005. Retired pumper with bulk foam supply.

Fuel Truck

- 1975 Dodge placed in service at Station 2 in 1975.
- Moved to Station 16 in 1990s.
- 1998 Ford placed in service as Car 46 at Station 15 on December 22, 1997.
- Moved to Services in 2000s.
- Moved to Station 16 in 2010s.
- Moved to Services on ______.

Haz-Mat 1 (OOS)/ Haz-Mat 2	 Placed in service at Station 2 around June 29, 1984. Renamed Haz-Mat 2 by March 2, 1990. Moved to Station 2 by March 2, 1990. Moved to Station 20 on November 12, 1990. Moved to Station 2 on November 5, 2004. Renamed Haz-Mat 1 on July 7, 2009. Renamed Haz-Mat 2 on February 22, 2021.
Haz-Mat 2 (RRT) (OOS)	 Renamed Haz-Mat 2 from Haz-Mat 15 on July 7, 2009. Moved to Station 29 on October 27, 2018 Renamed Haz-Mat 29 on February 22, 2021.

Haz-Mat 3 (OOS)	Placed in service at Station 8 on April 10, 2013
	• Renamed Haz-Mat 8 on February 22, 2021.
Haz-Mat 4 (OOS)	Placed in service at Station 22 on October 8, 2013.
	 Moved to Station 25 on February 5, 2019.
	• Renamed Haz-Mat 25 on February 22, 2021.
Haz-Mat 5 (OOS)	Placed in service at Station 2 on October 8, 2013.
	Moved to Station 18 on January 5, 2018.
	 Moved to Station 27 on October 27, 2018.
	Renamed Haz-Mat 27 on February 22, 2021.
Haz-Mat 6 (OOS)	Placed in service at Keeter Training Center on October 8, 2013.
	Removed from service on [date].
Haz-Mat 8	Activated as a unit number at Station 8 on February 22, 2021.
Haz-Mat 15 (OOS)	 Placed in service at Station 15 on January 10, 2003.
	NC RRT 4 placed in service on July 16, 2004.
	• Unit number changed to Haz-Mat 2 on July 7, 2009.
Haz-Mat 20 (OOS)	Placed in service at Station 20 on November 12, 1990.
	Moved to Station 2 on November 5, 2004.
Haz-Mat 21 (OOS)	Placed in service at Station 20 after August 14, 1991.
	Renamed SR 2 on
Haz-Mat 22 (OOS)	Placed in service at Station 22 after August 2004.
	Renamed SR 22 on
Haz-Mat 25	Activated as a unit number at Station 25 on February 22, 2021.
Haz-Mat 27	Activated as a unit number at Station 27 on February 22, 2021.
Haz-Mat 29	Activated as a unit number at Station 29 on February 22, 2021.

Light Truck 1 (OOS)

- Placed in service by June 23, 1983.
- Removed from service after July 16, 1988.

Mini 1 (OOS)	 Placed in service at Station 16 on July 7, 2009. 	
	Moved to Station 28 in spring 2015.	
	Renamed Mini 28 on February 22, 2021.	

Mini 2 (OOS)	• Placed in service at Station 3 on July 7, 2009.
	Moved to Station 7 by April 20, 2015.
	 Moved to Station 26 around December 5, 2018.
	Moved to Station 7 on [date].
	• Renamed Mini 7 on February 22, 2021.
Mini 3 (OOS)	Placed in service at Station 3 on August 18, 1986.
	Moved to Station 2 around June 2005.
	 Moved to Station 3 in April 2006.
	• Removed from service at Station 3 on July 7, 2009. Unit renamed Mini 2.
	• Activated at Station 23 on July 7, 2009.
	Moved to Station 14 on
	Note: On July 7, 2009, mini-pumpers (and other units) were renumbered from station-based to sequential numbers. Mini 23 was renamed Mini 3, which was previously the name of the unit at Station 3.
	• Renamed Mini 14 on February 22, 2021.
Mini 4 (OOS)	Placed in service at Station 4 on June 3, 2000.
	Moved to Station 24 on February 20, 2004.
	• Returned to service at Station 4 on August 17, 2007.
	Moved to Station 17 on January 3, 2009.
Mini 7	Activated as a unit number at Station 7 on February 22, 2021.
Mini 9 (OOS)	 Placed in service at Station 9 on April 24, 1987
	• Removed from service March 14, 1997.
	• Returned to service at Station 9 on January 7, 1998 at 1700 hours.
	• Moved to Station 4 on June 3, 2000.
	• Returned to service at Station 9 on or after January 25, 2006.
	Moved to Station 4 on August 17, 2007.
Mini 14	Activated as a unit number at Station 14 on February 22, 2021.
Mini 16 (OOS)	 Placed in service at Station 16 on January 6, 2009.
	Removed from service on July 7, 2009. Unit renamed Mini 1.
Mini 17 (OOS)	Placed in service at Station 17 on May 13, 1986.
	 Moved to Station 9 on January 7, 1998 at 1645 hours.
	 Placed in service at Station 17 on January 3, 2009.
	Moved to Station 16 on January 6, 2009.
Mini 23 (OOS)	• Placed in service at Station 23 on or after January 25, 2006.
	Moved to Station 24 on March 4, 2006.
	 Moved to Station 24 on March 4, 2006. Placed in service at Station 23 on January 3, 2009.

Mini 24 (OOS)	 Placed in service at Station 24 on February 20, 2004.
	 Moved to Station 23 on April 27, 2004.
	• Returned to service at Station 24 on March 4, 2006.
	• Moved to Station 23 on January 3, 2009.
Mini 28	• Activated as a unit number at Station 28 on February 22, 2021.

Reserve Pumpers

- Named "A pumper," "B pumper," "C pumper" by March 22, 1976.
- Renamed as numbered apparatus after November 15, 1985.

Sand Truck 8 (OOS)

- Placed in service at Station 8 on November 21, 1984.
- Moved to Station 26 around 2004.
- Removed from service around 2005.

SR 1/SR 5 (OOS)

- Placed in service on August 9, 1988 at Station 1.
- Moved to Station 5 on December 14, 1991 at 1100 hours.
- Renamed SR 5 on April 25, 2002.
- Moved to Station 8 on January 1, 2007.
- Placed in service on July 7, 2009, at Station 2.
- Unit number changed to Haz-Mat 1 on October 8, 2013.

SR 2 (OOS)

- Placed in service at Station 2 on November 5, 2004.
- Unit number changed to SR 1 on July 7, 2009.
- Placed in service at Station 8 on July 7, 2009.
- Unit number changed to Haz-Mat 3 on April 10, 2013.

SR 3 (OOS)

- Placed in service at Station 22 on July 7, 2009.
- Unit number changed to Haz-Mat 4 on October 8, 2013.

SR 5 (OOS)

• See Special Response 1.

SR 20 (OOS)

• Placed in service on at Station 20.

- Moved to Station 2 on November 5, 2004.
- See Haz-Mat 21.

SR 22 (OOS)

- Placed in service on _____ at Station 22.
- Unit number changed to SR 3 on July 7, 2009.

Squad/Auxiliary Truck (OOS)

- Placed in service circa May 1944.
- Wrecked on September 12, 1947.
- Returned to service in Fiscal Year 1948.
- Housed at Station 2 by October 1953.
- Housed at Station 1 by December 1958.
- Housed at Station 7 by January 1960.
- Moved to Station 6 on January 17, 1962.
- Removed from service after 1963.

Tanker 1/(OOS) Tanker 8	 Placed in service as Tanker 1 on April 3, 1960, at Station 8 at 903 Kent Road. Renamed Tanker 8 on March 4, 1961. Moved to Station 4 around August 18, 1968.
Tanker 2 (OOS)	 Placed in service on April 3, 1960, at Station 2 at Memorial Auditorium. Moved to Station 9 on February 14, 1963.
Tanker 4 (OOS)	 Placed in service at Station 4 around August 16, 1968. Removed from service on September 4, 1986.
Tanker 8 (OOS)	• See Tanker 1.
Tanker 9 (OOS)	 Placed in service at Station 9 on February 14, 1963. Moved to Station 14 on October 27, 1974.
Tanker 14 (OOS)	 Placed in service at Station 14 on October 27, 1974. Removed from service on September 4, 1986.

Trench Trailer (OOS)

• Moved to Station 20 on January 17, 1998.

USAR 801

- Placed in service at Station 25 [?] on _____.
- Moved to Station 21 on January 15, 2015.

Note

Apparatus information copied from $\underline{\text{http:// www.legeros.com/ralwake/raleigh/apparatus}}, \text{ which should be considered the master data source.}$