

Aviation Application

Likewise, **WFC Hydrogen Gas Management System** is ideally suited as a retrofit energy system to both reciprocating and jet engines associated with the aviation industry ... but in different ways:

reciprocating WFC Fuel-kits can be similar to Car design (340);

whereas, **Water Fuel Injector kits** (10) of figure (4-1) can alternately be used as a self-contained Fuel-unit having no pre-pressurized vessel which converts water directly in **thermal explosive energy** (gtnt) on demand, as illustrated in [WFC memo 423 DA](#).

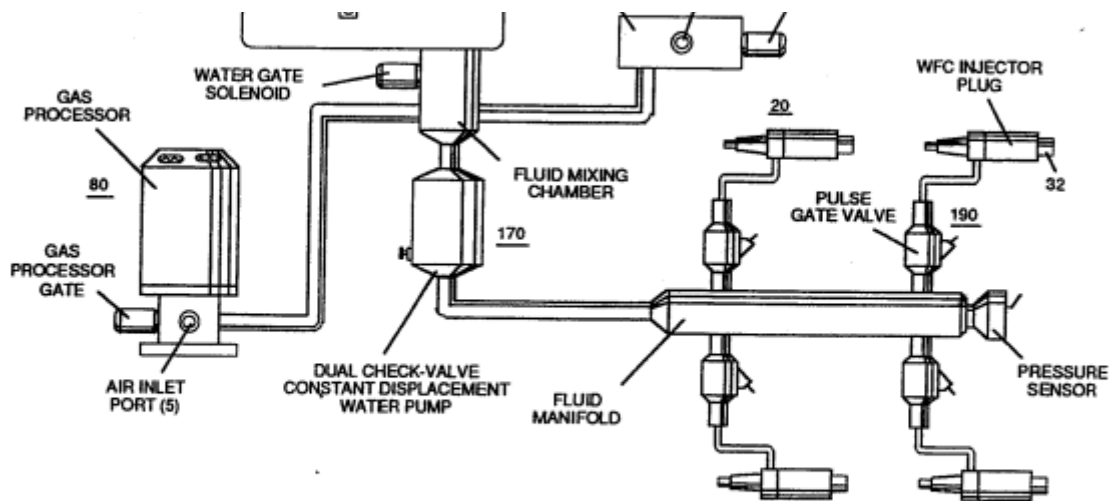


FIGURE 4-1: WATER FUEL INJECTOR SYSTEM

In terms of

mechanical interfacing: **Water Fuel Injector Assembly** (10) of Figure (4-1) can replace standard fuel-injector ports of existing jet engines as shown in (150) of Figure (4-13); or be utilized in **Furnace Nozzle Assembly** (140) of Figure (4-12) for grain dryers or conventional heating systems;

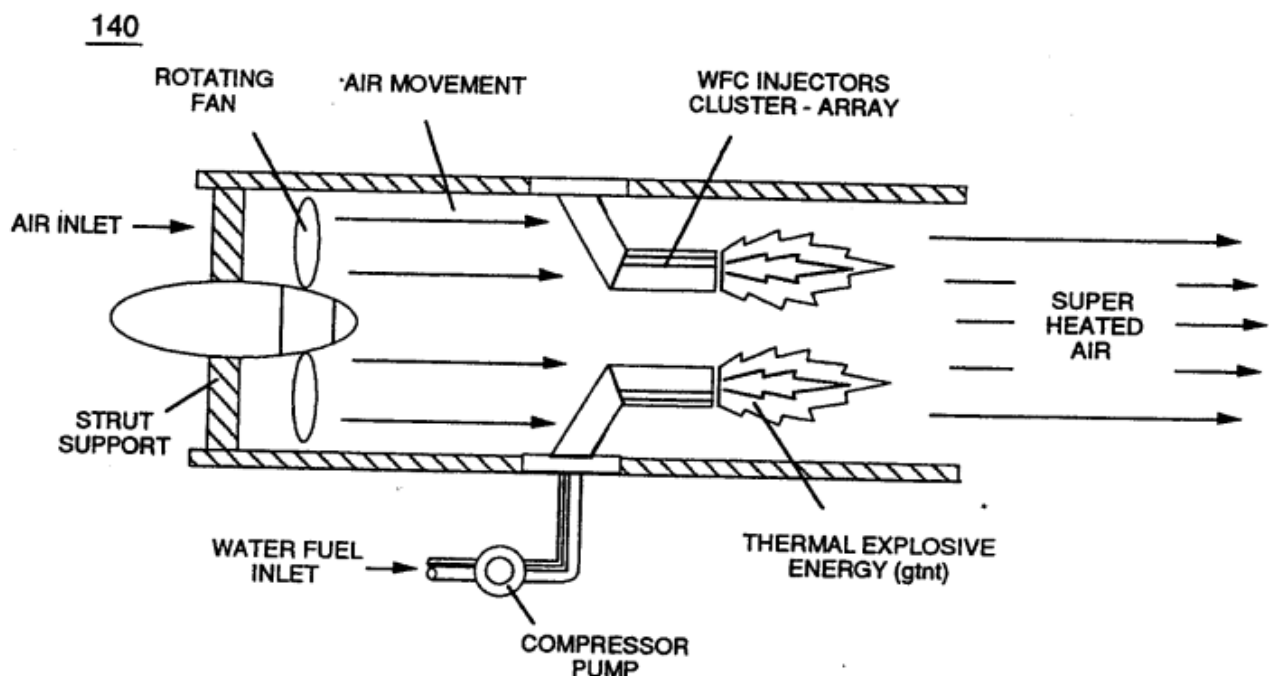
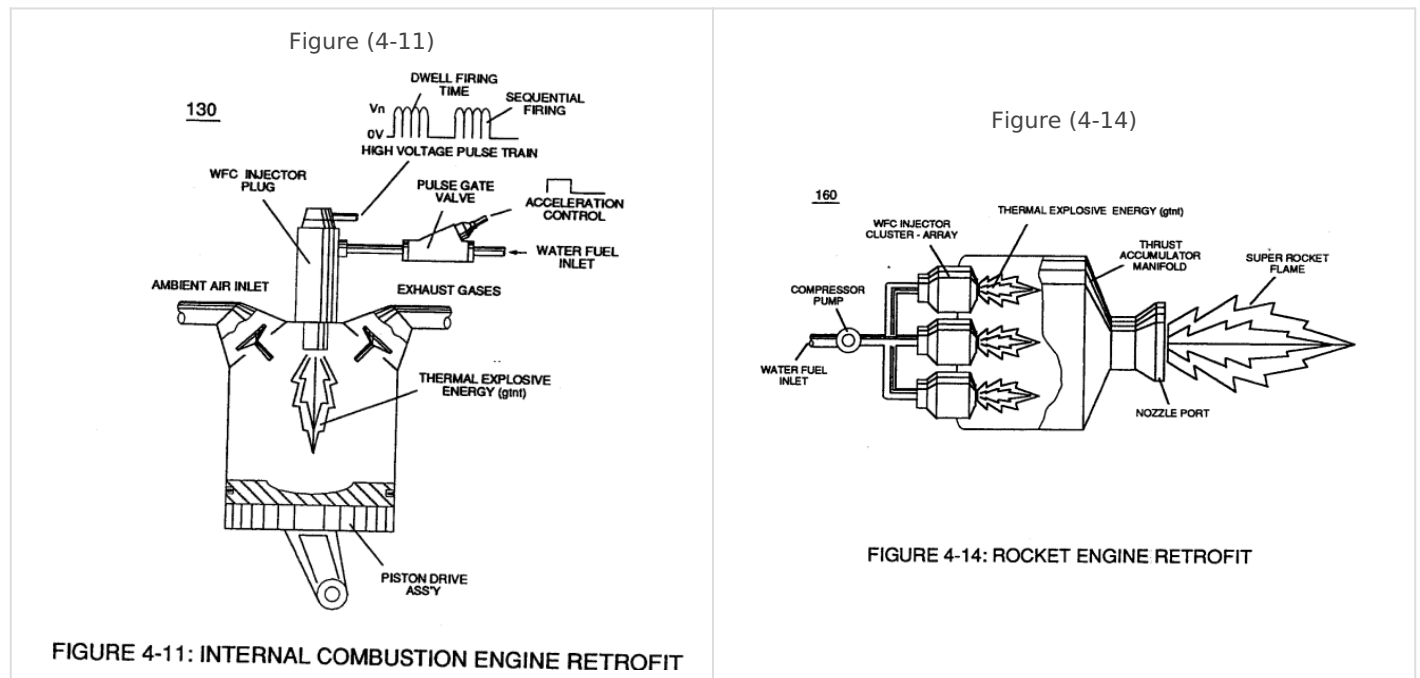


FIGURE 4-12: FURNACE RETROFIT

or be used to produce\rocket-thrust, as illustrated in (160) of Figure (4-14);

or be used as a **spark plug injector nozzle** (130) of Figure (4-11) for both gasoline and diesel engines



...to mention a few.

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