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**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-790

Ottawa, April 11, 1978

RNG - AIRCRAFT REFUELLERS

MANUFACTURER: RNG Equipment Limited
32 Stoffel Drive, Rexdale, Ontario

DEVICES APPROVED: Aircraft refuellers, models as listed below:

<u>Model No.</u>	<u>Class</u>	<u>Meter Rating</u>		<u>Max. Operating Rate</u>	
		<u>GPM</u>	<u>L/M</u>	<u>GPM</u>	<u>L/M</u>
6112T	A	5- 25	25-115	10	45
6112GB	A	5- 25	25-115	10	45
* 6115C	A	10- 50	45-225	15	70
6615TS	B	10- 50	45-225	15	70
6225AS	B	10- 50	45-225	25	115
6625TS	B	10- 50	45-225	25	115
6250AS	B	20-100	90-450	50	225
6650TS	B	20-100	90-450	50	225
62100AS	B	20-100	90-450	100	450
66100TS	B	20-100	90-450	100	450
66150TS	C	40-200	180-900	150	700

* Except for the metering unit, Model 6115C is the same as model 6110 approved earlier on S.WA-727.

APPLICATION: The metered delivery of fuel to aircraft, with minimum delivery volumes restricted as listed below:

<u>Meter Class</u>	<u>Min. Delivery Volume</u>	
	<u>Gallons</u>	<u>Litres</u>
A	5	20
B	40	180
C	500	2300

DESCRIPTION: These devices are self-contained units, incorporating facilities for pumping, metering and delivering aviation fuels, and utilizing specific components as detailed below.

Class "A" Refuellers

Model 6112T

Uses the working components from Tokheim model 448 dispenser, with the addition of a Warner Lewis filter/water-separator, quick-acting valve and 50 feet of 1" hose with nozzle with anti-drain valve.

Model 6112GB

Same as model 6112T except the working components are from a Gilbert and Barker model 996 dispenser.

Model 6115C

Utilizes a 1½" Blackmer pump, 3L filter/separator, AR21 air eliminator, Liquid Controls model M-5 meter with Veeder Root auto reset computer, sight flow indicator, check valve, quick-acting valve and 50 feet of 1" hose with nozzle with anti-drain valve; all as shown on RNG Drawing No. 81930, dated March 14, 1968.

Class "B" Refuellers

Model 6615TS

Utilizes a 1½ H.P. Blackmer pump, Bendix Go-No-Go filter/water separator with Liquid Controls air release valve, Purolator filter/separator, sight flow indicator, check valve, Liquid Controls model M-5 meter, quick acting valve and 50 feet of 1½" hose with nozzle with anti-drain valve.

Model 6625TS

Same as model 6615TS except equipped with a 2 HP Blackmer pump and 75 feet of 1½" hose.

Model 6650TS

Utilizes a 3 HP Blackmer pump, large filter/separator with LC air release valve, sight flow indicator, check valve, Liquid Controls model M-7A meter, quick-acting valve, and 100 feet of 1½" hose with nozzle with anti-drain valve.

Model 66100TS

Utilizes a 7½ HP Blackmer #X-2½ pump, large filter/separator with Armstrong No. 21 air release valve, check valve, sight flow indicator, Liquid Controls model M-7A meter, quick-acting valve and 50 feet of 2" aviation hose with nozzle with anti-drain valve.

Models 6225AS, 6250AS, 62100AS

Same as models 6625TS, 6650TS and 66100TS respectively, except that filter/separator arrangements differ.

CLASS "C" REFUELLER

Model 66150TS

Designed for use with remote submerged pump or hydrant system. Equipped with Bendix fuel monitor with air release valve, check valve, Liquid Controls model M-15 meter with reversing register for fuelling/defuelling, manifold with 2-port and 3-port selector valves, defuelling pump, and 50 feet of 2" hose with underwing nozzle.

TESTING: The standard tests for aircraft refuellers shall apply.

REFERENCES: G6953-58/R8
Field Test Report, Jan. 28, 1969
Letter of Approval, Feb.24, 1970

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.



John Armstrong
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Legal Metrology Branch