

	Estimated Fuel Use (gal)	
Fixed Wing: Pisto	215,569,000	
Rotorcraft: Piston	9,410,700	
	224,979,700	
2023 Values		
SCC	Total_Ops	LTOs
2275050011	63000221	31500121
2275060011	900801	450414
	piston LTOs	31950535

Row Labels	Sum of totalops	Sum of LTOs
2275050011	63000221	31500121
2275060011	900801	450414
(blank)		
Grand Total	63901022	31950535

$$\text{IFpb} = (\text{FC} \times \text{LC} \times \text{Rt} \times \text{CF}) - \text{LTOpb}$$

FC	224,979,700	Nationwide Pb In-flight total	
LC	2.12	IF Pb (short tons)	253.89
Rt	0.95	IF Pb (short tons)	254.04
CF (g to ton)	907200		

LTO Pb (g) = (piston engine LTO)(avgas use (gal/LTO))(Conc. of lead in fuel)(1-Pb retention)		
piston LTOs	31950535	* This is an approximation of LTO lead emissions using fuel use averages
avgas use	3.46	* This can be compared to our lead emissions from use of generic emissions factors
LC	2.12	* these fuel use LTO emissions are highlighted in the qa_* tabs of this sheet
Rt	0.95	

LTO Pb (g)	222645386.1		
LTO Pb (tons)	245.4203992	Compared to:	245.5716345

* This sums state LTO emissions from State-calcs-based-on-generics

TOTAL Pb	499.46
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