



U.S. AIR FORCE

Impact of Air National Guard on Oregon Economy



National Guard: Always Ready, Always There



Overview



U.S. AIR FORCE



- **ORANG units**
- **F-15 role, force structure**
- **Missions and economic impact**
 - **142 FW (Portland, OR)**
 - **173 FW (Klamath Falls, OR)**

- **Oregon training airspace**
- **State of the Air Force**
- **Future**
 - **F-15C**
 - **ORANG**
 - **173 FW & 142 FW**

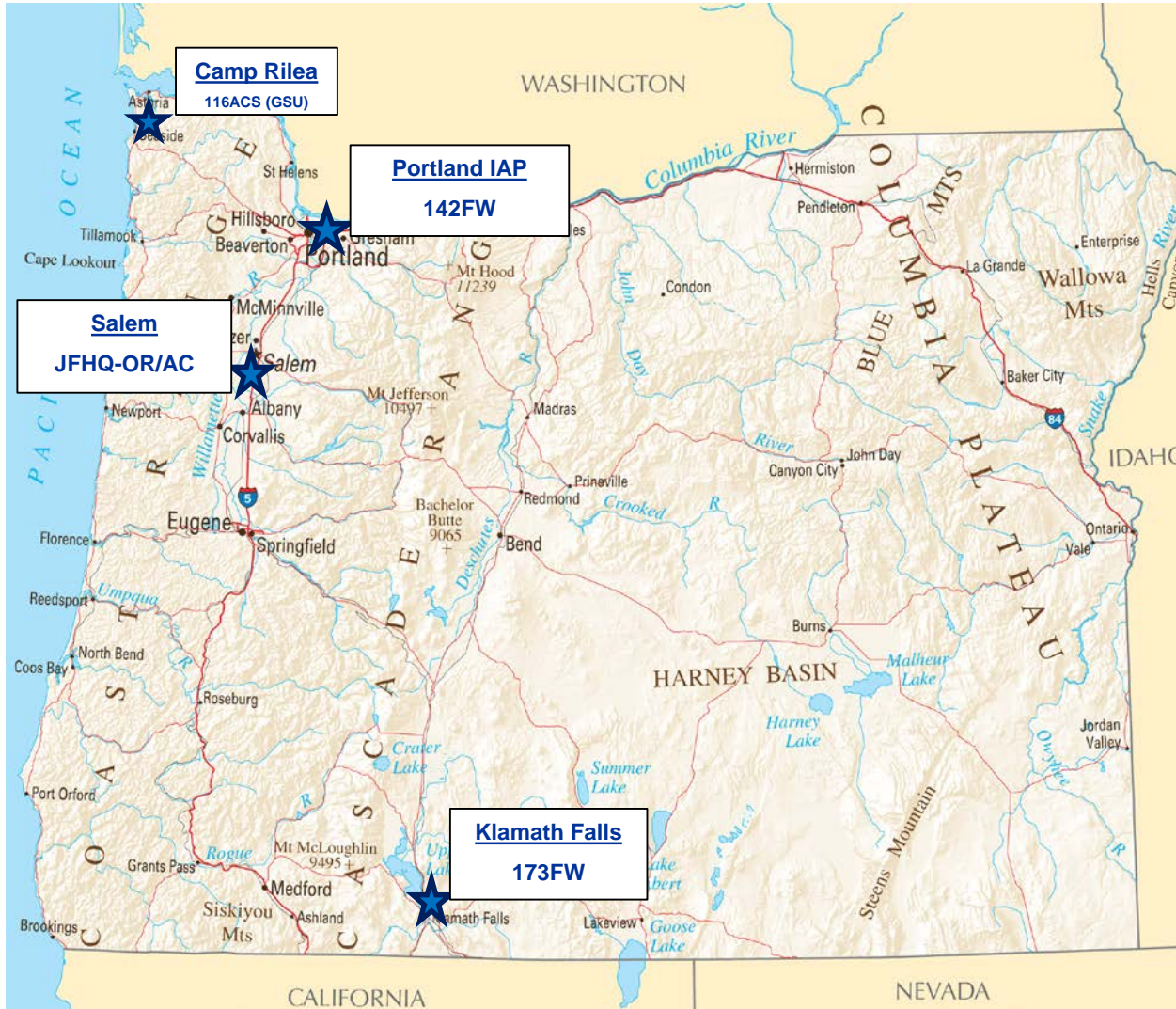


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Oregon Air National Guard Units



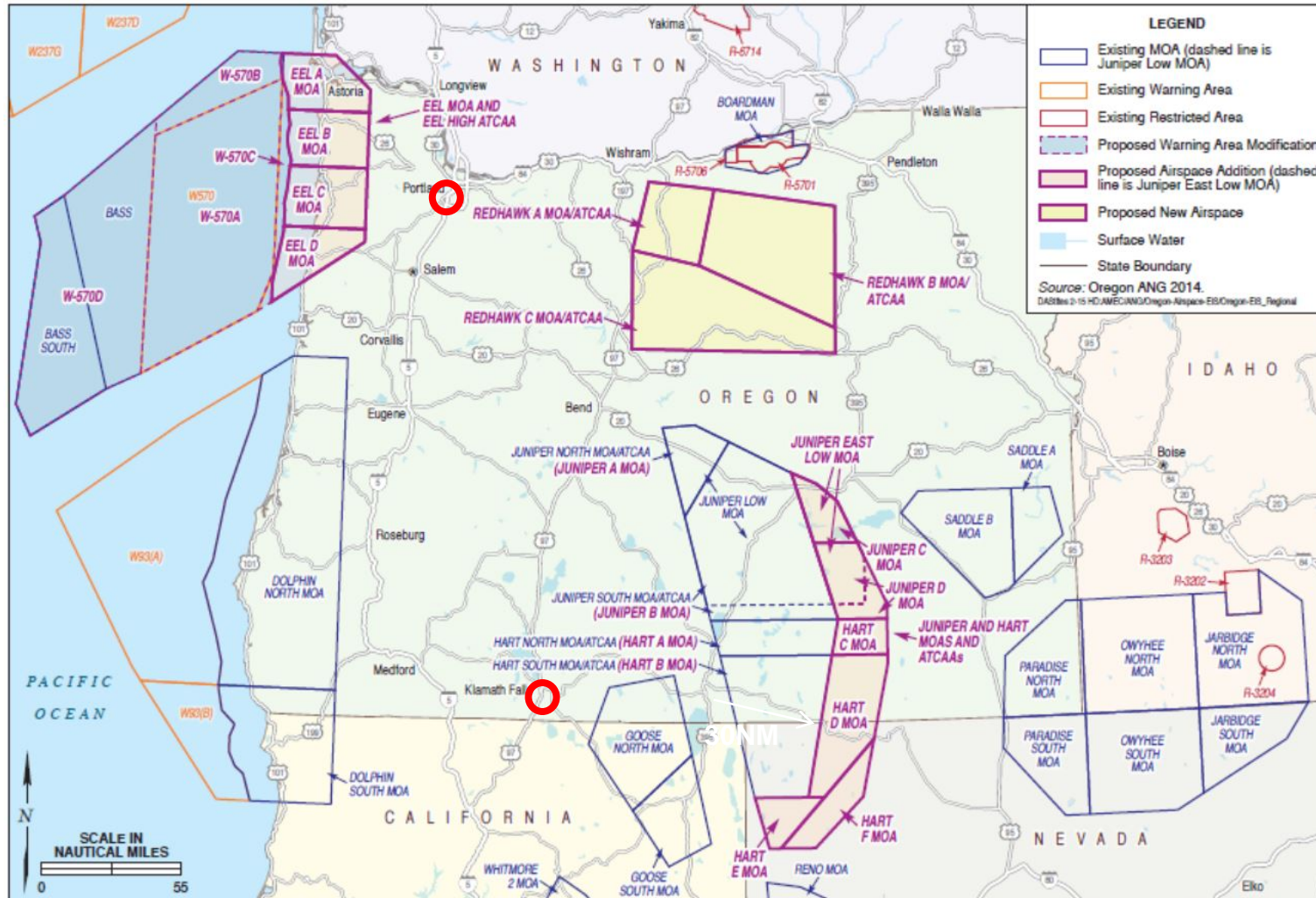
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Oregon Training Airspace



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Role of the F-15C

Air Superiority: 4/15/1953



- Freedom from attack
- Freedom of access
- Freedom to attack
- Freedom of awareness
- Denying the adversary the same



“Air superiority is the most important thing the Air Force provides for the Joint Force in the tactical environment. I don’t believe there is anyone in our armed forces who has ever fought a combined arms battle without complete control of the air...”

--Gen Mike Holmes, COMACC



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F-15C/D Force Structure



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- 18 WG, Okinawa, Japan (48 PAA)
- 33 WG, Eglin AFB (6 PAA)
- 48 FW, RAF Lakenheath (18 PAA)
- 53/57 WG, Nellis AFB (12 PAA)
- 104 FW, MA ANG (18 PAA)
- 125 FW, FL ANG (18 PAA)
- 142 FW, OR ANG (18 PAA)
- 144 FW, CA ANG (18 PAA)
- 159 FW, LA ANG (18 PAA)
- 173 FW, OR ANG (26 PAA)

- Overall: 235 F-15C/D in inventory
 - 98 RegAF (41.7%)
 - 137 ANG (58.3%)
 - 53 OR ANG (22.5%)



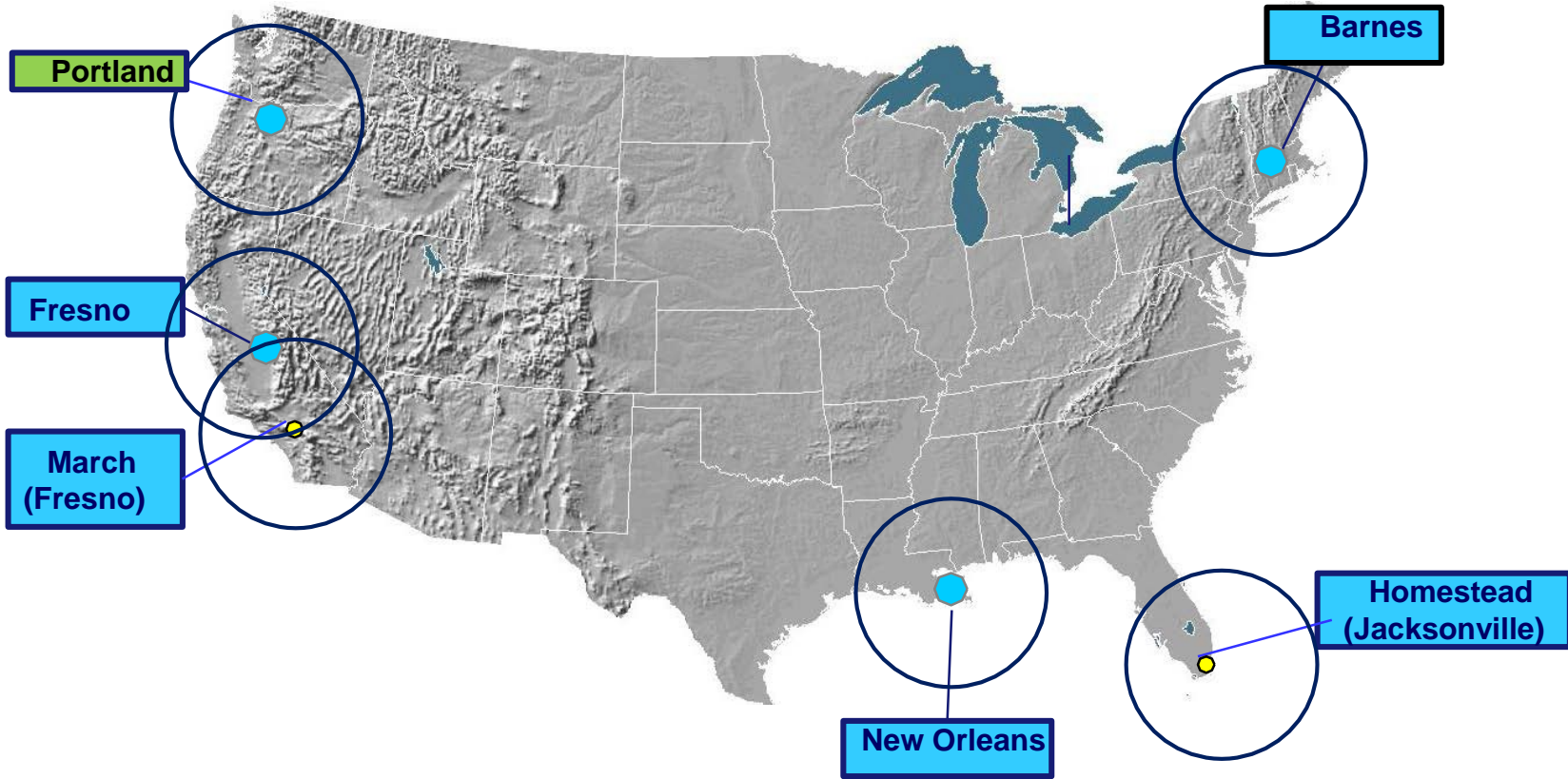
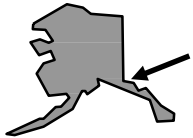
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F-15C Alert Force



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Home Station Alert 
 Detachment 

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142d Fighter Wing

Portland Air National Guard Base



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- 1,300+ personnel
- Primary Aircraft Assigned
 - 18PAA F-15C/D
- Aerospace Control Alert (ACA)
- Domestic operations
- Global combat deployments
 - 125th Special Tactics Sq
 - 116th Air Control Sq



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142d Fighter Wing Economic Impact



FY16 Data:

- \$63M payroll
- \$13M Operations & Maintenance
- \$13M indirect jobs created



\$89M Oregon economic impact each year

Estimated cost to state: \$647k

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173d Fighter Wing

Kingsley Field



U.S. AIR FORCE

- 1,000+ personnel
- Primary Aircraft Assigned
 - 26PAA F-15C/D
- Sole F-15C Training Unit
- Domestic operations
- Global combat deployments
 - 270th ATCS
 - Agile combat support



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173d Fighter Wing Economic Impact



FY16 Data:

- **\$56M payroll**
- **\$12M Operations & Maintenance**
- **\$12M indirect jobs created**



\$81M Oregon economic impact each year

Estimated cost to state: \$357k

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State of the USAF



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- Average age of USAF aircraft: 27 years
- Costly modernization “bow-wave” over next 10 yrs
- Difficult choices ahead: capacity vs. capability



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State of the USAF



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- Need to preserve (and grow!) capacity while upgrading capability
 - 1991—Desert Storm, 134 fighter squadrons
 - 2017—55 fighter squadrons
 - CSAF desires to grow force to 60 fighter squadrons



Su-27



PAK-FA

- USAF needs to invest in the future to match threat advancements
 - F-35A, KC-46, B-21, T-X, O/A-X, Space, Nuclear, Cyber

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Future of F-15



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- F-15A designed 1967
- First flight 1972
- Initial Operational Capability (IOC) 1979
- Average F-15C/D age: 35 years
- 104:0 and still going...



- F-15 upgrades continue in PB18:
 - IRST infra-red: \$57.6M
 - AESA V3 radar: \$16.7M
 - SLEP (longerons): \$7M
 - ADCP II computer: \$6.5M
 - Datalink enhancement: \$5M



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Future of F-15



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- Many unknowns because analysis remains pre-decisional
 - Cost, capability, capacity analysis continues
 - F-15C could retire in early 2020s or continue to 2040+



- Perceived knowns
 - Until CSAF, SecAF, and Congress agree to a recapitalization plan, F-15C will remain in service
 - F-15C begins to reach end of service life mid-2020s without additional sustainment investments

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Future of ORANG



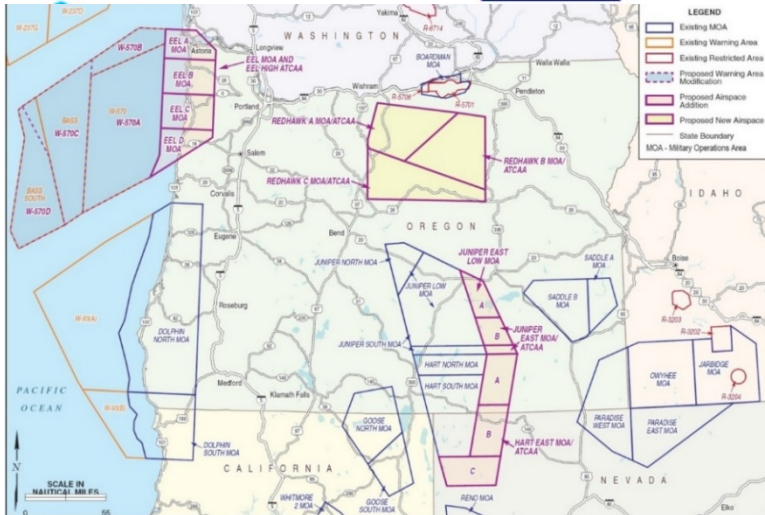
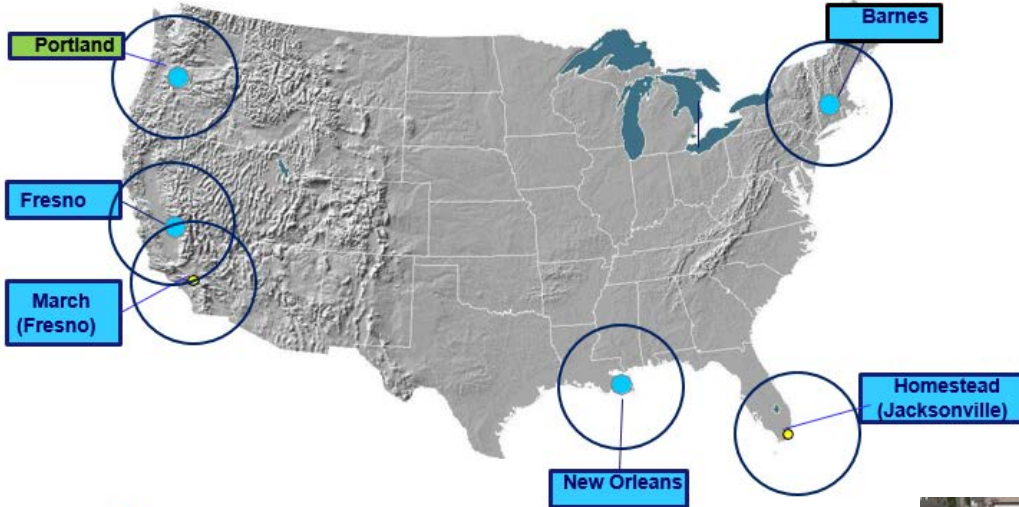
- If F-15C sustainment/modernization investments continue, we are proud to deliver Air Superiority and Air Superiority pilots for the nation as long as needed
- Whenever the nation decides to retire the F-15C, we are ready to transition to 5th Generation+ fighters if called upon to do so

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Future of 142 FW Strengths

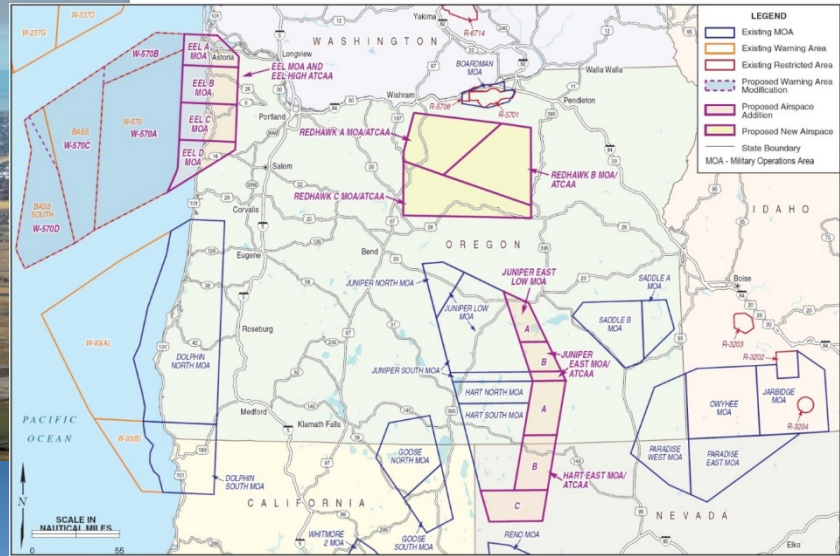


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Future of 173 FW Strengths



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ORANG

Value Added for Oregon



\$170M Oregon economic impact each year

Estimated cost to state: \$1M

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Questions?



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