

# Helicopter Logging Found O.K. for Inaccessible Lands

The feasibility of using helicopters for logging operations on up-to-now inaccessible timberlands in the Pacific Northwest and Alaska has been demonstrated by forest engineers at Oregon State University, according to John E. O'Leary, project director.

O'Leary, associate professor of forest engineering at OSU, has been studying the possibilities of helicopter logging since June 1961 under contract with the U. S. Forest Service.

Until recently, timberlands which seemed impossible to log with conventional methods were bypassed, O'Leary points out. The point has been reached, however, where such lands are too valuable to ignore.

In Alaska alone, there are approximately 2,000,000 acres of valuable timberland which up to now, have been considered inaccessible but which could be logged economically by helicopter, he adds. It seems quite likely that helicopter logging may have a very important place in the future of logging, O'Leary believes.

He lists at least seven situations where helicopters may be used in preference to the conventional logging methods. They are:

1. If it is cheaper to log by helicopter than other logging methods because of high road building costs or low timber volume per acre.
2. If soil conditions prohibit building logging roads or dragging logs.
3. If conventional methods

would destroy the beauty of a particular area.

4. If quick action is needed to remove timber while it still has economic value from fire-killed, bug-killed, or wind thrown stands.
5. If right-of-way problems hinder the development of a road system.
6. If special orders require the removal of a certain species in a mixed stand prior to the final cut.
7. If the topography or location of the timberland is such that it requires a special logging method which the helicopter can provide.

Helicopters cannot be used everywhere economically, O'Leary emphasizes, and will not compete, for the most part, with the conventional machinery used for logging. Certain conditions must first exist in an area in order for helicopter logging to be possible and economical.

A few of these conditions are: low temperatures and elevations should exist in order for a helicopter to give best performance; the weather must be fairly good because helicopters are grounded by dense fog, sleet, and winds in excess of 30 knots; water, where logs can be dumped, should be within a mile of the logging operations; and helicopter maintenance facilities should be nearby.

The helicopters used for logging, because of their high cost and maintenance problems, likely would be owned and op-

## TOWN TALK

A thought for today—It is not really the quantity of life that you live that counts, but the quality.

Week-end guests at the home of Mr. and Mrs. Art Kerr were Mr. and Mrs. Al Zuber and family of Centralia, Wash. He worked at Detroit Dam 10 years ago and made his home with the Kerrs at that time.

Mr. and Mrs. Mel Rambo and Laura Jo spent the week-end in Medford visiting with their son and daughter-in-law, Mr. and Mrs. George Rambo and Steven. They also visited with friends in Glendale enroute home.

Visiting at the home of Mr. and Mrs. Cecil Lake is Ray Shepherd of Hardin, Montana. Sunday visitors at the Lake home were Mr. and Mrs. Jack Coryell and family of Portland.

Mrs. Blanche Kelly has returned to her home in Salem after spending two weeks in Mill City caring for the ReMine home (and dog) during their absence.

Mr. and Mrs. Shields ReMine returned last week from a two weeks trip to Hawaii. Mrs. ReMine said they had a wonderful time and that the weather was perfect. While there they spent considerable time visiting with Mr. and Mrs. Robert Allen and family, enjoying their new swimming pool.

Mr. and Mrs. Andy Anderson and Kim of Junction City spent the last weekend at the home of Mr. and Mrs. Jack Scott. Other dinner guests on Sunday were Mr. and Mrs. Albert Stevens of Lyons and Mr. and Mrs. A. W. Toman and family of Salem. Callers in the afternoon were Mr. and Mrs. Fred Berg.

Charles O. Faris from Boise, Ida., was a visitor at the home of Mr. and Mrs. Lowell Cree Wednesday evening. Faris worked at Detroit dam and went from Mill City to India. He is now employed by Morris-Knutson, and the family resides at Boise.

Mr. and Mrs. Dale Smith of Eugene spent the weekend at the George and Arlie Dickie homes.

Mr. and Mrs. Ira Hake from Fall Creek, visited their son, Rev. Harold Hake and family from Tuesday until Thursday of last week. Tuesday was Rev. Hake's birthday anniversary.

Mrs. Sylvia Duncan, Worthy Matron of Marilyn Chapter No. 145 OES and Mrs. Floyd Volkel of Gates, attended a Friendship night at Trinity Chapter OES in Salem Friday evening.

Sunday evening dinner guests at the home of Mr. and Mrs. Floyd Shepherd were Alvin Wright from Manzanita, Mr. and Mrs. Cliff Roebke from Stayton, Mr. and Mrs. Milton Roten, Barbara Jean and Bobby from Lyons and Mr. and Mrs. William Shepherd, Leroy, Jerry and Bonnie.

Mr. and Mrs. Leland Kaplinger spent Sunday in Salem at the home of their son-in-law and daughter, Mr. and Mrs. Harold Judge and family.

Visitors Friday afternoon at the home of Mr. and Mrs. Elmer Shaw were Mr. and Mrs. Lee Rainbolt and Veta Rae from San Jose, Calif. Friday evening the Shaws and their guests accompanied by Mrs. Don Andrews from Eugene went to Drain to Mrs. Shaw's brother and sister-in-law, Mr. and Mrs. Raymond Bernatzki, where they spent the weekend. Joining the group Sunday were Mr. and Mrs. Bud Bilyeu and Brent, Mr. and Mrs. Verne Shaw, Sky and Craig; Don Andrews from Eugene and Mr. and Mrs. Danny Bernatzki and family from Blue River. Also visiting at the Bernatzki home were Mr. and Mrs. Cecil Rainbolt from Great Bend, Kan. Mrs. Shaw and Mrs. Rainbolt are Raymond Bernatzki's sisters.

Mr. and Mrs. George Dickie from Springfield spent the weekend at their Mill City home.

Mrs. James Cuthbert, Jimmy and Lauri from Salem visited at the Roger Nelson and Lowell Cree homes Monday afternoon. They also visited at the Floyd Johnson home in Gates.

Mr. and Mrs. Mel Elde and family were in Olympia, Wn., to attend the wedding of her sister, Miss Janet Robinson to Roger Haag at the First Baptist church in Olympia. They visited with her parents, Mr. and Mrs. Jason Robinson and his parents, Mr. and Mrs. Carl Elde of Bremerton.

Sunday guests at the home of Mr. and Mrs. Rex Ohmart were Mr. and Mrs. R. H. Poff, Mr. and Mrs. Waldo Ohmart and Don; Mr. and Mrs. Ivan Osterman and Jerry and Mrs. Grace Carlson of Salem. Also home for the weekend was Douglas Ohmart, student at Oregon State University.

Mr. and Mrs. Dick Downer are the parents of their third child, a son, Martin Dan, born March 4 in Albany. The little boy weighed 8 pounds 12 ounces and has two older sisters. Downer, a former Mill City resident, is a Sergeant in charge of detectives for the City of Albany.

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Mabel Yankus entertained members of the Round Robin Pinochle club at her home Monday evening, serving a dessert before the evening of cards. Irene Podrabsky won both pinochle and low prizes and Agnes Carlson won high. Guests for the evening were Marlene Severs, Evelyn Davis and Faye Verbeck. The next card party will be March 18 at the home of Margaret Boroughs.

Mr. and Mrs. Tex Blazek accompanied by Mr. and Mrs. Errol Kintz and Mr. and Mrs. Barney Ditter of Sublimity spent the weekend at the coast. This is an annual get-together for the group when all the men celebrate their birthdays on the same date, March 2. Mrs. Blazek cooked a turkey dinner at a motel which the group had at Depoe Bay.

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Mr. and Mrs. Charles Kelly spent the weekend in Forest Grove as guests of Mr. and Mrs. Frank Smith. While there they took in the famed Barber Shop Ballad contest. This is an annual event and draws crowds from throughout the northwest. A number of well-known barber shop quartets were featured with many fields represented including the Salem Senataires, U of O Medical School Four, Cascade Chorus, winners in the competition and many others. The entire town of Forest Grove goes "all out" for this event; in fact it is called Ballad Town, U. S. A.

Mr. and Mrs. James Swan, accompanied by their granddaughter, Kathy Anderson of Salem spent the weekend in Portland. They were guests of Mrs. Swan's sister, Mrs. Vine Matheny.

The Bid or Bunch Pinochle club met Monday evening at the home of Gladys Podrabsky. The hostess served a dessert preceding the evening of cards. Belle Heller won high prize, Gladys Podrabsky won pinochle, and Edna Gordon won low prize. Belle Heller was a guest for the evening. The next meeting will be at the home of Darlene Ruby March 18.

Mrs. Roland Umphress and June arrived this week to spend some time with his parents, Mr. and Mrs. Charles Umphress. Her husband is stationed with the armed forces in Korea.

Mr. and Mrs. Don Moffatt went to Portland Sunday to visit Miss Leona Lamb, who is recuperating satisfactorily in Emmanuel hospital following a broken arm. The Moffatts also visited with Mr. and Mrs. Art Redinger in Gresham before returning home.

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