

**LOCKWOOD SURVEY CORPORATION LIMITED**

CONTRACT # G-3174  
FLIGHT # 8-16  
DATE FLOWN SEPT 6/65 <sup>Sept 22-65</sup>  
AIRCRAFT F. 8  
FLYING HEIGHT 200'

PROFILES  
GULF MAGNETOMETER Mk III 4"/MINUTE  
SENSITIVITY 1200  
APN-1 RADIO ALTIMETER...../MINUTE  
SENSITIVITY.....

LINE No. 261-S  
261AN  
017231

**LOCKWOOD SURVEY CORP., LTD.**  
**ELECTROMAGNETOMETER PROFILES.**

Job No..... Flight No.....  
Date Flown..... Aircraft..... Line No.....  
Sensitivity, In Phase..... Out of Phase.....  
Flying Height..... Bird Height.....  
Tape Speed.....

4389

①  
4384

①  
4329

①  
4311

4300

①  
4287

①  
4256

①  
4218

**LOCKWOOD SURVEY CORP., LTD.**

**GULF MK III AIRBORNE MAGNETOMETER PROFILE**

Job No. 3174 ..... Flight No. 8 .....

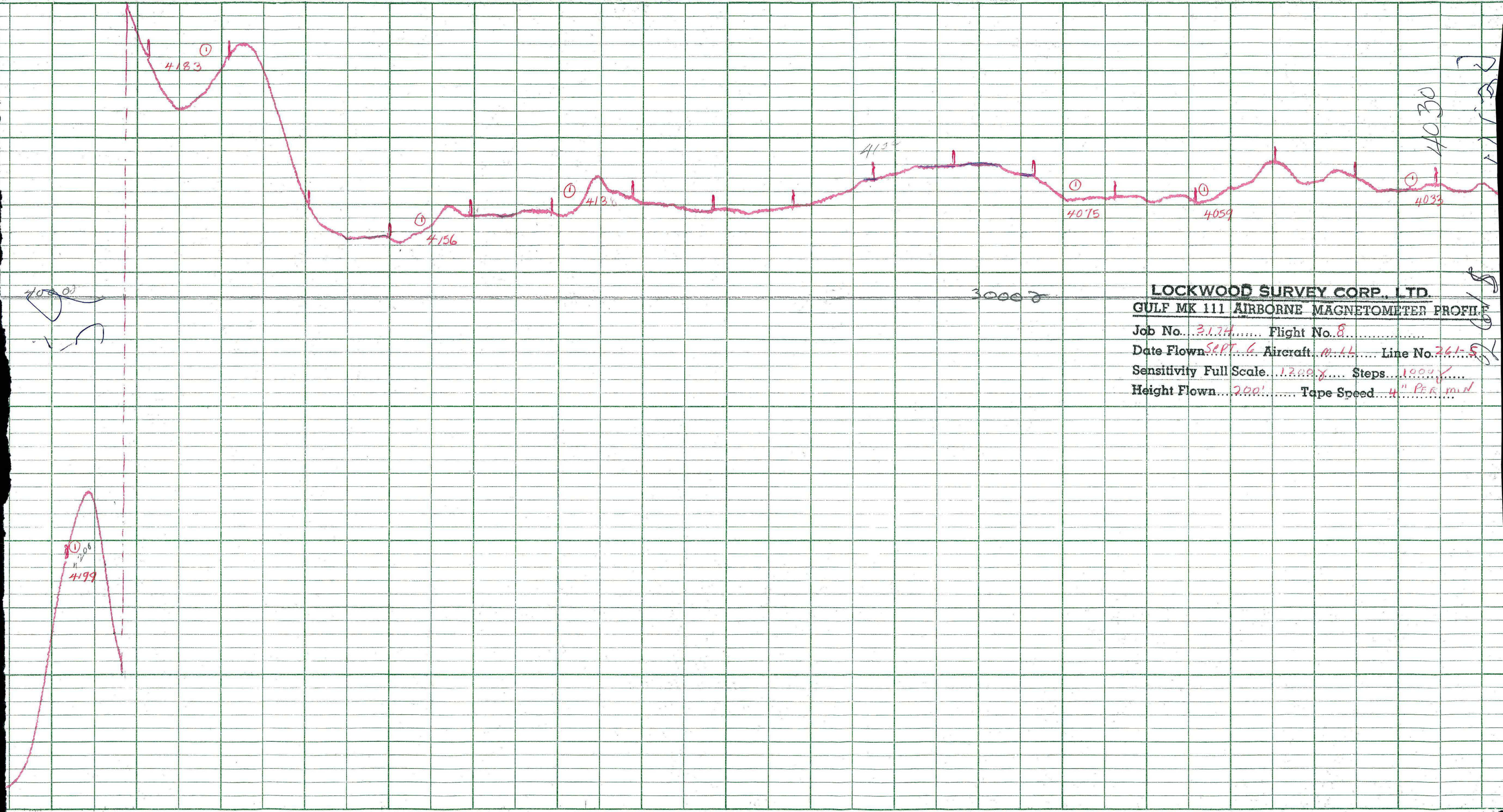
Date Flown SEPT. 6. Aircraft M.L.L. .... Line No. 261 .....

Sensitivity Full Scale 12.00% ..... Steps 1.000% .....

Height Flown 2000' ..... Tape Speed 4" PER MIN .....

3000'

2602  
600 Feet



4183

4156

4136

4132

4075

4059

4033

7000

3000

4030

111.5

**LOCKWOOD SURVEY CORP., LTD.**

**GULF MK 111 AIRBORNE MAGNETOMETER PROFILE**

Job No. 3.174 Flight No. 8

Date Flown SEPT. 6 Aircraft M-11 Line No. 261-S

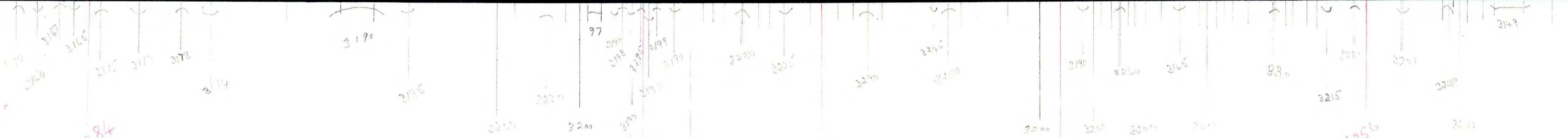
Sensitivity Full Scale 1200 Steps 1000

Height Flown 200' Tape Speed 4" PER MIN

4199



G-3174  
SEPT 4/65  
F. 8  
L. 261-S



4284

4321

4311

4227

4256

1399

3290

1385

3210

3300

37

3313

3300

1360

3200

3157

3200  
3200

78

3158

3173

3163

3183

3180

3200

3230

G-3174

T-261-A-N

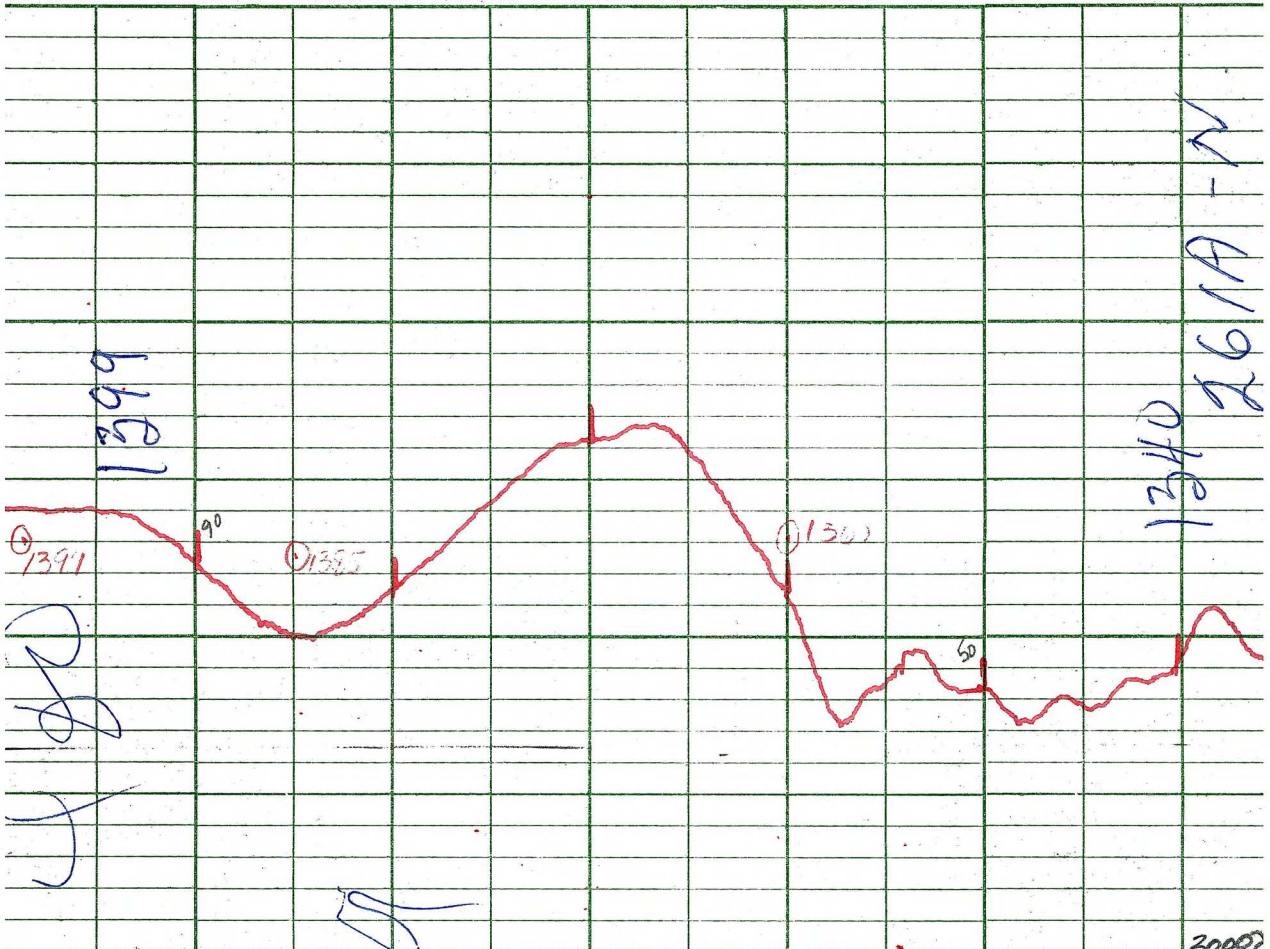
SEPT. - 22 - 65

MIL

FLIGHT - 16

ALB

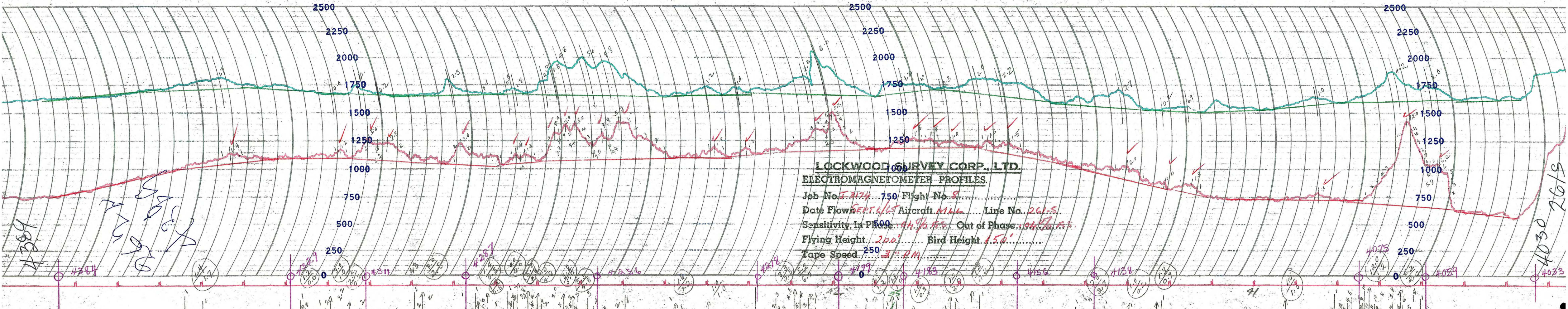
V. T. Cape



**LOCKWOOD SURVEY CORP., LTD.**  
**GULF MK 111 AIRBORNE MAGNETOMETER PROFILE**

Job No. J-3174 Flight No. 16  
 Date Flown SEPT. 22/55 Aircraft M.L.L. Line No. 261A-N  
 Sensitivity Full Scale 1200γ Steps 100γ  
 Height Flown 200' Tape Speed 4" P.M.

S  
 1000  
 2000



**LOCKWOOD SURVEY CORP., LTD.**  
**ELECTROMAGNETOMETER PROFILES.**

Job No. J-3174... 750 Flight No. 8.....  
 Date Flown SEPT. 11/57 Aircraft M.L.L...... Line No. 2615..  
 Sensitivity, in Phase 0.1% A.S. Out of Phase 0.1% A.S.  
 Flying Height 200'..... Bird Height 150'.....  
 Tape Speed 250 3" P.M......

*Handwritten notes:*  
 6327  
 12/17  
 12/17

*Handwritten notes:*  
 4030  
 2615

*Stationing and annotations along the bottom axis:*  
 4384, 4387, 4390, 4393, 4396, 4399, 4402, 4405, 4408, 4411, 4414, 4417, 4420, 4423, 4426, 4429, 4432, 4435, 4438, 4441, 4444, 4447, 4450, 4453, 4456, 4459, 4462, 4465, 4468, 4471, 4474, 4477, 4480, 4483, 4486, 4489, 4492, 4495, 4498, 4501, 4504, 4507, 4510, 4513, 4516, 4519, 4522, 4525, 4528, 4531, 4534, 4537, 4540, 4543, 4546, 4549, 4552, 4555, 4558, 4561, 4564, 4567, 4570, 4573, 4576, 4579, 4582, 4585, 4588, 4591, 4594, 4597, 4600, 4603, 4606, 4609, 4612, 4615, 4618, 4621, 4624, 4627, 4630, 4633, 4636, 4639, 4642, 4645, 4648, 4651, 4654, 4657, 4660, 4663, 4666, 4669, 4672, 4675, 4678, 4681, 4684, 4687, 4690, 4693, 4696, 4699, 4702, 4705, 4708, 4711, 4714, 4717, 4720, 4723, 4726, 4729, 4732, 4735, 4738, 4741, 4744, 4747, 4750, 4753, 4756, 4759, 4762, 4765, 4768, 4771, 4774, 4777, 4780, 4783, 4786, 4789, 4792, 4795, 4798, 4801, 4804, 4807, 4810, 4813, 4816, 4819, 4822, 4825, 4828, 4831, 4834, 4837, 4840, 4843, 4846, 4849, 4852, 4855, 4858, 4861, 4864, 4867, 4870, 4873, 4876, 4879, 4882, 4885, 4888, 4891, 4894, 4897, 4900, 4903, 4906, 4909, 4912, 4915, 4918, 4921, 4924, 4927, 4930, 4933, 4936, 4939, 4942, 4945, 4948, 4951, 4954, 4957, 4960, 4963, 4966, 4969, 4972, 4975, 4978, 4981, 4984, 4987, 4990, 4993, 4996, 4999, 5002, 5005, 5008, 5011, 5014, 5017, 5020, 5023, 5026, 5029, 5032, 5035, 5038, 5041, 5044, 5047, 5050, 5053, 5056, 5059, 5062, 5065, 5068, 5071, 5074, 5077, 5080, 5083, 5086, 5089, 5092, 5095, 5098, 5101, 5104, 5107, 5110, 5113, 5116, 5119, 5122, 5125, 5128, 5131, 5134, 5137, 5140, 5143, 5146, 5149, 5152, 5155, 5158, 5161, 5164, 5167, 5170, 5173, 5176, 5179, 5182, 5185, 5188, 5191, 5194, 5197, 5200, 5203, 5206, 5209, 5212, 5215, 5218, 5221, 5224, 5227, 5230, 5233, 5236, 5239, 5242, 5245, 5248, 5251, 5254, 5257, 5260, 5263, 5266, 5269, 5272, 5275, 5278, 5281, 5284, 5287, 5290, 5293, 5296, 5299, 5302, 5305, 5308, 5311, 5314, 5317, 5320, 5323, 5326, 5329, 5332, 5335, 5338, 5341, 5344, 5347, 5350, 5353, 5356, 5359, 5362, 5365, 5368, 5371, 5374, 5377, 5380, 5383, 5386, 5389, 5392, 5395, 5398, 5401, 5404, 5407, 5410, 5413, 5416, 5419, 5422, 5425, 5428, 5431, 5434, 5437, 5440, 5443, 5446, 5449, 5452, 5455, 5458, 5461, 5464, 5467, 5470, 5473, 5476, 5479, 5482, 5485, 5488, 5491, 5494, 5497, 5500, 5503, 5506, 5509, 5512, 5515, 5518, 5521, 5524, 5527, 5530, 5533, 5536, 5539, 5542, 5545, 5548, 5551, 5554, 5557, 5560, 5563, 5566, 5569, 5572, 5575, 5578, 5581, 5584, 5587, 5590, 5593, 5596, 5599, 5602, 5605, 5608, 5611, 5614, 5617, 5620, 5623, 5626, 5629, 5632, 5635, 5638, 5641, 5644, 5647, 5650, 5653, 5656, 5659, 5662, 5665, 5668, 5671, 5674, 5677, 5680, 5683, 5686, 5689, 5692, 5695, 5698, 5701, 5704, 5707, 5710, 5713, 5716, 5719, 5722, 5725, 5728, 5731, 5734, 5737, 5740, 5743, 5746, 5749, 5752, 5755, 5758, 5761, 5764, 5767, 5770, 5773, 5776, 5779, 5782, 5785, 5788, 5791, 5794, 5797, 5800, 5803, 5806, 5809, 5812, 5815, 5818, 5821, 5824, 5827, 5830, 5833, 5836, 5839, 5842, 5845, 5848, 5851, 5854, 5857, 5860, 5863, 5866, 5869, 5872, 5875, 5878, 5881, 5884, 5887, 5890, 5893, 5896, 5899, 5902, 5905, 5908, 5911, 5914, 5917, 5920, 5923, 5926, 5929, 5932, 5935, 5938, 5941, 5944, 5947, 5950, 5953, 5956, 5959, 5962, 5965, 5968, 5971, 5974, 5977, 5980, 5983, 5986, 5989, 5992, 5995, 5998, 6001, 6004, 6007, 6010, 6013, 6016, 6019, 6022, 6025, 6028, 6031, 6034, 6037, 6040, 6043, 6046, 6049, 6052, 6055, 6058, 6061, 6064, 6067, 6070, 6073, 6076, 6079, 6082, 6085, 6088, 6091, 6094, 6097, 6100, 6103, 6106, 6109, 6112, 6115, 6118, 6121, 6124, 6127, 6130, 6133, 6136, 6139, 6142, 6145, 6148, 6151, 6154, 6157, 6160, 6163, 6166, 6169, 6172, 6175, 6178, 6181, 6184, 6187, 6190, 6193, 6196, 6199, 6202, 6205, 6208, 6211, 6214, 6217, 6220, 6223, 6226, 6229, 6232, 6235, 6238, 6241, 6244, 6247, 6250, 6253, 6256, 6259, 6262, 6265, 6268, 6271, 6274, 6277, 6280, 6283, 6286, 6289, 6292, 6295, 6298, 6301, 6304, 6307, 6310, 6313, 6316, 6319, 6322, 6325, 6328, 6331, 6334, 6337, 6340, 6343, 6346, 6349, 6352, 6355, 6358, 6361, 6364, 6367, 6370, 6373, 6376, 6379, 6382, 6385, 6388, 6391, 6394, 6397, 6400, 6403, 6406, 6409, 6412, 6415, 6418, 6421, 6424, 6427, 6430, 6433, 6436, 6439, 6442, 6445, 6448, 6451, 6454, 6457, 6460, 6463, 6466, 6469, 6472, 6475, 6478, 6481, 6484, 6487, 6490, 6493, 6496, 6499, 6502, 6505, 6508, 6511, 6514, 6517, 6520, 6523, 6526, 6529, 6532, 6535, 6538, 6541, 6544, 6547, 6550, 6553, 6556, 6559, 6562, 6565, 6568, 6571, 6574, 6577, 6580, 6583, 6586, 6589, 6592, 6595, 6598, 6601, 6604, 6607, 6610, 6613, 6616, 6619, 6622, 6625, 6628, 6631, 6634, 6637, 6640, 6643, 6646, 6649, 6652, 6655, 6658, 6661, 6664, 6667, 6670, 6673, 6676, 6679, 6682, 6685, 6688, 6691, 6694, 6697, 6700, 6703, 6706, 6709, 6712, 6715, 6718, 6721, 6724, 6727, 6730, 6733, 6736, 6739, 6742, 6745, 6748, 6751, 6754, 6757, 6760, 6763, 6766, 6769, 6772, 6775, 6778, 6781, 6784, 6787, 6790, 6793, 6796, 6799, 6802, 6805, 6808, 6811, 6814, 6817, 6820, 6823, 6826, 6829, 6832, 6835, 6838, 6841, 6844, 6847, 6850, 6853, 6856, 6859, 6862, 6865, 6868, 6871, 6874, 6877, 6880, 6883, 6886, 6889, 6892, 6895, 6898, 6901, 6904, 6907, 6910, 6913, 6916, 6919, 6922, 6925, 6928, 6931, 6934, 6937, 6940, 6943, 6946, 6949, 6952, 6955, 6958, 6961, 6964, 6967, 6970, 6973, 6976, 6979, 6982, 6985, 6988, 6991, 6994, 6997, 7000, 7003, 7006, 7009, 7012, 7015, 7018, 7021, 7024, 7027, 7030, 7033, 7036, 7039, 7042, 7045, 7048, 7051, 7054, 7057, 7060, 7063, 7066, 7069, 7072, 7075, 7078, 7081, 7084, 7087, 7090, 7093, 7096, 7099, 7102, 7105, 7108, 7111, 7114, 7117, 7120, 7123, 7126, 7129, 7132, 7135, 7138, 7141, 7144, 7147, 7150, 7153, 7156, 7159, 7162, 7165, 7168, 7171, 7174, 7177, 7180, 7183, 7186, 7189, 7192, 7195, 7198, 7201, 7204, 7207, 7210, 7213, 7216, 7219, 7222, 7225, 7228, 7231, 7234, 7237, 7240, 7243, 7246, 7249, 7252, 7255, 7258, 7261, 7264, 7267, 7270, 7273, 7276, 7279, 7282, 7285, 7288, 7291, 7294, 7297, 7300, 7303, 7306, 7309, 7312, 7315, 7318, 7321, 7324, 7327, 7330, 7333, 7336, 7339, 7342, 7345, 7348, 7351, 7354, 7357, 7360, 7363, 7366, 7369, 7372, 7375, 7378, 7381, 7384, 7387, 7390, 7393, 7396, 7399, 7402, 7405, 7408, 7411, 7414, 7417, 7420, 7423, 7426, 7429, 7432, 7435, 7438, 7441, 7444, 7447, 7450, 7453, 7456, 7459, 7462, 7465, 7468, 7471, 7474, 7477, 7480, 7483, 7486, 7489, 7492, 7495, 7498, 7501, 7504, 7507, 7510, 7513, 7516, 7519, 7522, 7525, 7528, 7531, 7534, 7537, 7540, 7543, 7546, 7549, 7552, 7555, 7558, 7561, 7564, 7567, 7570, 7573, 7576, 7579, 7582, 7585, 7588, 7591, 7594, 7597, 7600, 7603, 7606, 7609, 7612, 7615, 7618, 7621, 7624, 7627, 7630, 7633, 7636, 7639, 7642, 7645, 7648, 7651, 7654, 7657, 7660, 7663, 7666, 7669, 7672, 7675, 7678, 7681, 7684, 7687, 7690, 7693, 7696, 7699, 7702, 7705, 7708, 7711, 7714, 7717, 7720, 7723, 7726, 7729, 7732, 7735, 7738, 7741, 7744, 7747, 7750, 7753, 7756, 7759, 7762, 7765, 7768, 7771, 7774, 7777, 7780, 7783, 7786, 7789, 7792, 7795, 7798, 7801, 7804, 7807, 7810, 7813, 7816, 7819, 7822, 7825, 7828, 7831, 7834, 7837, 7840, 7843, 7846, 7849, 7852, 7855, 7858, 7861, 7864, 7867, 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8368, 8371, 8374, 8377, 8380, 8383, 8386, 8389, 8392, 8395, 8398, 8401, 8404, 8407, 8410, 8413, 8416, 8419, 8422, 8425, 8428, 8431, 8434, 8437, 8440, 8443, 8446, 8449, 8452, 8455, 8458, 8461, 8464, 8467, 8470, 8473, 8476, 8479, 8482, 8485, 8488, 8491, 8494, 8497, 8500, 8503, 8506, 8509, 8512, 8515, 8518, 8521, 8524, 8527, 8530, 8533, 8536, 8539, 8542, 8545, 8548, 8551, 8554, 8557, 8560, 8563, 8566, 8569, 8572, 8575, 8578, 8581, 8584, 8587, 8590, 8593, 8596, 8599, 8602, 8605, 8608, 8611, 8614, 8617, 8620, 8623, 8626, 8629, 8632, 8635, 8638, 8641, 8644, 8647, 8650, 8653, 8656, 8659, 8662, 8665, 8668, 8671, 8674, 8677, 8680, 8683, 8686, 8689, 8692, 8695, 8698, 8701, 8704, 8707, 8710, 8713, 8716, 8719, 8722, 8725, 8728, 8731, 8734, 8737, 8740, 8743, 8746, 8749, 8752, 8755, 8758, 8761, 8764, 8767, 8770, 8773, 8776, 8779, 8782, 8785, 8788, 8791, 8794, 8797, 8800, 8803, 8806, 8809, 8812, 8815, 8818, 8821, 8824, 8827, 8830, 8833, 8836, 8839, 8842, 8845, 8848, 8851, 8854, 8857, 8860, 8863, 8866, 8869, 8872, 8875, 8878, 8881, 8884, 8887, 8890, 8893, 8896, 8899, 8902, 8905, 8908, 8911, 8914, 8917, 8920, 8923, 8926, 8929, 8932, 8935, 8938, 8941, 8944, 8947, 8950, 8953, 8956, 8959, 8962, 8965, 8968, 8971, 8974, 8977, 8980, 8983, 8986, 8989, 8992, 8995, 8998, 9001, 9004, 9007, 9010, 9013, 9016, 9019, 9022, 9025, 9028, 9031, 9034, 9037, 9040, 9043, 9046, 9049, 9052, 9055, 9058, 9061, 9064, 9067, 9070, 9073, 9076, 9079, 9082, 9085, 9088, 9091, 9094, 9097, 9100, 9103, 9106, 9109, 9112, 9115, 9118, 9121, 9124, 9127, 9130, 9133, 9136, 9139, 9142, 9145, 9148, 9151, 9154, 9157, 9160, 9163, 9166, 9169, 9172, 9175, 9178, 9181, 9184, 9187, 9190, 9193, 9196, 9199, 9202, 9205, 9208, 9211, 9214, 9217, 9220, 9223, 9226, 9229, 9232, 9235, 9238, 9241, 9244, 9247, 9250, 9253, 9256, 9259, 9262, 9265, 9268, 9271, 9274, 9277, 9280, 9283, 9286, 9289, 9292, 9295, 9298, 9301, 9304, 9307, 9310, 9313, 9316, 9319, 9322, 9325, 9328, 9331, 9334, 9337, 9340, 9343, 9346, 9349, 9352, 9355, 9358, 9361, 9364, 9367, 9370, 9373, 9376, 9379, 9382, 9385, 9388, 9391, 9394, 9397, 9400, 9403, 9406, 9409, 9412, 9415, 9418, 9421, 9424, 9427, 9430, 9433, 9436, 9439, 9442, 9445, 9448, 9451, 9454, 9457, 9460, 9463, 9466, 9469, 9472, 9475, 9478, 9481, 9484, 9487, 9490, 9493, 9496, 9499, 9502, 9505, 9508, 9511, 9514, 9517, 9520, 9523, 9526, 9529, 9532, 9535, 9538, 9541, 9544, 9547, 9550, 9553, 9556, 9559, 9562, 9565, 9568, 9571, 9574, 9577, 9580, 9583, 9586, 9589, 9592, 9595, 9598, 9601, 9604, 9607, 9610, 9613, 9616, 9619, 9622, 9625, 9628, 9631, 9634, 9637, 9640, 9643, 9646, 9649, 9652, 9655, 9658, 9661, 9664, 9667, 9670, 9673, 9676, 9679, 9682, 9685, 9688, 9691, 9694, 9697, 9700, 9703, 9706, 9709, 9712, 9715, 9718, 9721, 9724, 9727, 9730, 9733, 9736, 9739, 9742, 9745, 9748, 9751, 9754, 9757, 9760, 9763, 9766, 9769, 9772, 9775, 9778, 9781, 9784, 9787, 9790, 9793, 9796, 9799, 9802, 9805, 9808, 9811, 9814, 9817, 9820, 9823, 9826, 9829, 9832, 9835, 9838, 9841, 9844, 9847, 9850, 9853, 9856, 9859, 9862, 9865, 9868, 9871, 9874, 9877, 9880, 9883, 9886, 9889, 9892, 9895, 9898, 9901, 9904, 9907, 9910, 9913, 9916, 9919, 9922, 9925, 9928, 9931, 9934, 9937, 9940, 9943, 9946, 9949, 9952, 9955, 9958, 9961, 9964, 9967, 9970, 9973, 9976, 9979, 9982, 9985, 9988, 9991, 9994, 9997, 10000